

## DESCRIPTION OF TABLES AND CHARTS.

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Table I gives, for about 145 Weather Bureau stations making two observations daily and for about 25 others making only one observation, the data ordinarily needed for climatological studies, viz., the monthly mean pressure, the monthly means and extremes of temperature, the average conditions as to moisture, cloudiness, movement of the wind, and the departures from normals in the case of pressure, temperature, and precipitation, the total depth of snowfall, and the mean wet-bulb temperatures. The altitudes of the instruments above ground are also given.

Table II gives, for about 2,700 stations occupied by voluntary observers, the highest maximum and the lowest minimum temperatures, the mean temperature deduced from the average of all the daily maxima and minima, or other readings, as indicated by the numeral following the name of the station; the total monthly precipitation, and the total depth in inches of any snow that may have fallen. When the spaces in the snow column are left blank it indicates that no snow has fallen, but when it is possible that there may have been snow of which no record has been made, that fact is indicated by leaders, thus ( . . . ).

Table III gives, for 44 stations selected out of 144 that maintain continuous records, the mean hourly temperatures deduced from the Richard thermographs described and figured in the Report of the Chief of the Weather Bureau, 1891-92, p. 29.

Table IV gives, for 44 stations selected out of 142 that maintain continuous records, the mean hourly pressures as automatically registered by Richard barographs, except for Washington, D. C., where Foreman's barograph is in use. Both instruments are described in the Report of the Chief of the Weather Bureau, 1891-92, pp. 26 and 30.

Table V gives, for about 157 stations, the arithmetical means of the hourly movements of the wind ending with the respective hours, as registered automatically by the Robinson anemometer, in conjunction with an electrical recording mechanism, described and illustrated in the Report of the Chief of the Weather Bureau, 1891-92, p. 19.

Table VI gives, for all stations that make observations at 8 a. m. and 8 p. m., the four component directions and the resultant directions based on these two observations only and without considering the velocity of the wind. The total movement for the whole month, as read from the dial of the Robinson anemometer, is given for each station in Table I. By adding the four components for the stations comprised in any geographical division the average resultant direction for that division can be obtained.

Table VII gives the total number of stations in each State from which meteorological reports of any kind have been received, and the number of such stations reporting thunderstorms (T) and auroras (A) on each day of the current month.

Table VIII gives, for about 95 stations, the average hourly sunshine (in percentages) as derived from the automatic records made by two essentially different types of instruments, designated, respectively, the thermometric recorder and the photographic recorder. The kind of instrument used at each station is indicated in the table by the letter T or P in the column following the name of the station.

Table IX gives a record of rains whose intensity at some period of the storm's continuance equaled or exceeded the following rates:

Duration, minutes..	5	10	15	20	25	30	35	40	45	50	60	80	100	120
Rates pr. hr. (ins.)..	8.00	1.80	1.40	1.20	1.08	1.00	0.94	0.90	0.86	0.84	0.75	0.60	0.54	0.50

In the northern part of the United States, especially in the colder months of the year, rains of the intensities shown in the above table seldom occur. In all cases where no storm of sufficient intensity to entitle it to a place in the full table has occurred, the greatest rainfall of any single storm has been given, also the greatest hourly fall during that storm.

Table X gives, for about 30 stations furnished by the Canadian Meteorological Service, Prof. R. F. Stupart, director, the means of pressure and temperature, total precipitation and depth of snowfall, and the respective departures from normal values, except in the case of snowfall.

Table XI gives the heights of rivers referred to zeros of gages.

## NOTES EXPLANATORY OF THE CHARTS.

Chart I, tracks of centers of high areas, and Chart II, tracks of centers of low areas, are constructed in the same way. The Roman numerals show number and chronological order of highs (Chart I) and lows (Chart II). The figures within the circles show the days of the month; the letters *a* and *p* indicate, respectively, the 8 a. m. and 8 p. m., seventy-fifth meridian time, observations. Within each circle is also given (Chart I) the highest barometric reading and (Chart II) the lowest pressure at or near the center at that time.

Chart III.—Total precipitation. The scale of shades showing the depth of rainfall is given on the chart itself. For isolated stations the rainfall is given in inches and tenths, when appreciable; otherwise, a "trace" is indicated by a capital T, and no rain at all, by 0.0.

Chart IV.—Sea-level pressure, temperature, and resultant surface winds. The wind directions on this Chart are the computed resultants of observations at 8 a. m. and 8 p. m., daily; the resultant duration is shown by figures attached to each arrow. The temperatures are the means of daily maxima and minima and are reduced to sea level. The pressures are the means of 8 a. m. and 8 p. m. observations, daily, and are reduced to sea level and to standard gravity. The reduction for 30 inches of the mercurial barometer, as formerly shown by the marginal figures for each degree of latitude, has already been applied.

Chart V.—Hydrographs for seven principal rivers of the United States.

Chart VI.—Surface temperatures; maximum, minimum, and mean. Lines of equal monthly mean temperature in red; lines of equal maximum temperature in black; and lines of equal minimum temperature (dotted) also in black.

Chart VII.—Percentage of sunshine. The average cloudiness at each Weather Bureau station is determined by numerous personal observations during the day. The difference between the observed cloudiness and 100, it is assumed, represents the percentage of sunshine, and the values thus obtained have been used in preparing Chart VII.

Chart VIII.—Total snowfall.

Chart IX.—West Indian monthly isobars, isotherms, and resultant winds.

Chart X.—Track of the Porto Rican hurricane from August 3 to September 7, 1899.

TABLE I.—Climatological data for Weather Bureau Stations, October, 1900.

Stations.	Elevation of instruments.		Pressure, in inches.		Temperature of the air, in degrees Fahrenheit.						Precipitation, in inches.		Wind.		Maximum velocity.		Cloudy days.		Average cloudiness, tenths.		Total snowfall.											
	Barometer above sea level, feet.	Thermometers above ground.	Mean actual, 8 a.m. + 8 p.m. + 2.	Mean reduced.	Departure from normal.	Mean max. + mean min. + 2.	Departure from normal.	Maximum.	Date.	Mean maximum.	Minimum.	Date.	Mean minimum.	Greatest daily range.	Mean wet thermometer.	Mean temperature of the dew-point.	Mean relative humidity, per cent.	Total.	Departure from normal.	Days with 01, or more.	Total movement, miles.	Prevailing direction.	Miles per hour.	Direction.	Date.	Clear days.	Party cloudy days.					
	Anerometer	above ground.	Mean.	Reduced.	Normal.	Max.	Min.	Normal.	Date.	Max.	Min.	Date.	Min.	Range.	Max.	Min.	Rel. Hum.	Total.	Max.	Days more.	Miles.	Dir.	Max.	Dir.	Date.	Cloudy days.	Party cloudy days.					
New England.																																
Eastport	76	69	74	30.06	30.15	+ .14	55.0	+ 4.7	50.3	50.3	+ 3.5	72	22	56	24	20	44	47	45	8.26	+ 0.0	11	7,434	n.w.	42	n.	17	8	11	12	6.4	
Portland, Me.	103	81	89	30.05	30.15	+ .11	53.0	+ 3.9	76	24	60	23	20	40	46	43	46	43	5.81	+ 1.9	12	5,241	n.w.	32	n.w.	16	9	10	12	6.3		
Northfield	876	15	65	29.24	30.19	+ .15	51.3	+ 8.0	82	51	52	19	20	40	41	46	43	84	2.61	+ 0.3	10	6,050	n.e.	38	40	n.	17	7	13	11	6.1	
Boston	125	115	181	30.03	30.17	+ .12	56.6	+ 4.7	82	51	64	32	20	50	34	52	50	83	3.41	- 0.9	10	7,775	n.e.	38	38	n.	14	10	5	16	6.5	
Nantucket	12	43	54	30.15	30.16	+ .09	57.4	+ 4.8	83	8	62	40	17	53	22	55	53	85	2.57	- 1.4	14	9,465	n.e.	48	38	n.	17	5	21	7.9	6.2	
Block Island	26	11	70	30.13	30.16	+ .06	57.4	+ 3.8	73	* 5	62	37	17	53	20	55	52	85	3.50	- 0.9	9	14,253	n.e.	44	38	n.	17	8	9	14	6.2	
Narragansett	10																															
New Haven.	106	117	140	30.06	30.18	+ .11	57.3	+ 4.9	79	5	63	29	20	49	34	53	51	86	2.03	- 2.0	9	6,724	e.	44	n.w.	16	11	6	14	6.0		
Mid. Atlan. States.																																
Albany	97	84	113	30.08	30.19	+ .13	55.4	+ 5.6	70	70	67	30	20	49	35	52	49	83	3.94	+ 0.0	11	7,434	w.n.w.	42	n.	17	8	9	10	6.4		
Binghamton	875	79	90	29.84	30.18	+ .10	55.8	+ 7.7	87	6	65	24	20	46	37	52	49	83	2.05	- 0.8	9	3,821	n.w.	30	n.w.	16	5	8	12	6.8		
New York	314	108	346	29.84	30.18	+ .10	60.8	+ 5.8	83	6	67	37	17	55	29	55	52	79	4.17	+ 0.7	10	9,343	n.e.	76	n.w.	16	11	3	17	6.2		
Harrisburg	374	94	104				60.6	+ 8.1	83	6	68	32	20	53	31	55	52	84	1.25	- 1.8	9	4,551	e.	27	w.	18	12	6	13	5.6		
Philadelphia	117	168	184	30.06	30.18	+ .08	61.6	+ 5.8	86	6	68	38	17	55	33	56	53	78	3.00	+ 0.1	10	6,691	n.e.	36	n.w.	16	10	9	18	5.9		
Scranton	805	111	119				58.2	+ 5.0	90	6	67	25	20	49	39	52	50	84	2.66	.....	11	4,740	n.e.	35	n.w.	16	9	9	9	5.1		
Atlantic City	52	65	76	30.13	30.18	+ .11	60.2	+ 3.9	77	6	66	37	17	55	30	57	55	85	1.56	- 1.4	9	7,923	e.	36	n.	16	11	8	12	5.9		
Cape May	17	47	51	30.17	30.19	+ .11	61.4	+ 2.5	75	6	68	30	20	57	55	58	56	84	1.96	- 1.4	8	5,865	n.	32	n.w.	16	10	10	11	5.4		
Baltimore	123	68	82	30.04	30.17	+ .05	60.2	+ 5.1	85	6	70	30	20	54	31	58	56	84	1.68	- 1.3	10	3,585	e.	21	n.e.	13	9	8	14	6.1		
Washington	112	59	76	30.06	30.18	+ .08	61.6	+ 5.4	87	6	71	35	20	53	34	57	54	85	1.44	- 1.6	8	4,193	n.e.	24	n.w.	16	13	4	14	5.4		
Cape Henry	5	34					65.5	+ 4.7	89	6	72	41	18	60	31	57	54	85	2.00	- 1.8	11	9,969	n.e.	46	n.	16	11	8	12	5.6		
Lynchburg	681	83	89	29.45	30.17	+ .08	63.3	+ 6.2	87	6	72	43	14	60	27	61	59	84	3.49	+ 0.2	8	2,134	n.e.	23	n.w.	16	13	7	11	4.7		
Norfolk	91	102	111	30.07	30.17	+ .08	65.8	+ 5.2	83	6	72	43	14	60	27	61	59	84	2.22	- 1.6	7	6,365	n.e.	23	n.w.	16	10	11	11	5.6		
Richmond	144	82	90				65.6	+ 5.0	83	6	73	38	18	58	31	57	54	84	2.55	.....	9	3,159	n.	16	n.	16	13	6	12	5.1		
S. Atlantic States.																																
Charlotte	773	68	76	29.33	30.14	+ .06	65.0	+ 4.9	86	6	73	43	18	57	30	59	56	84	3.88	0.0	10	4,487	n.e.	33	s.	23	11	9	11	5.3		
Hatteras	11	17	36	30.13	30.14	+ .05	69.4	+ 4.9	84	4	73	15	18	66	14	65	63	83	3.32	- 2.8	8	9,331	n.	38	n.	17	4	8	4	4.7		
Kittyhawk	8	12	30				68.3	+ 4.6	88	6	74	46	18	63	18	57	55	84	1.69	- 2.0	5	.....	n.e.	22	w.	17	6	8	9	4.3		
Raleigh	376	93	101	29.77	30.16	+ .09	65.6	+ 7.6	88	6	75	35	18	57	35	59	56	79	1.01	- 2.3	9	4,053	n.e.	22	n.	17	9	8	9	4.5		
Wilmington	78	82	90	30.05	30.13	+ .06	68.0	+ 4.5	85	5	76	48	18	60	23	62	61	86	4.20	+ 0.4	9	5,620	n.e.	22	e.	3	11	14	6	4.5		
Charleston	48	14	92	30.07	30.12	+ .05	70.5	+ 3.8	82	1	75	51	18	65	64	64	84	4.63	+ 0.4	10	8,850	n.e.	37	e.	12	10	13	8	5.0			
Columbia	5						68.3	+ 4.2	87	6	78	39	18	59	35	57	54	84	4.88	- 2.5	11	.....	n.e.	20	s.	10	8	13	5.8			
Augusta	180	89	103	29.92	30.10	+ .04	69.2	+ 5.5	85	6	77	44	18	61	30	63	61	84	2.63	+ 0.2	10	4,141	n.e.	19	n.	17	9	8	14	5.9		
Savannah	65	79	89	30.02	30.08	.00	71.5	+ 5.1	86	1	78	53	18	64	24	66	65	89	5.87	+ 2.2	11	5,370	n.e.	24	e.	11	12	6	13	5.3		
Jacksonville	43	69	84	29.99	30.04	+ .01	74.4	+ 4.7	86	7	81	50	14	68	23	69	67	85	7.14	+ 2.0	18	5,399	n.e.	24	se.	21	6	12	13	5.7		
Florida Peninsula.																																
Jupiter	28	13	30	29.93	29.96	+ .01	78.5	+ 3.1	87	9	84	68	29	74	14	74	72	83	10.13	+ 0.9	20	8,965	n.e.	32	n.	27	2	18	13	6.6		
Key West	22	43	50	29.93	29.95	+ .01	79.6	+ 1.1	87	15	84	71	26	76	15	80	73	80	5.85	+ 0.6	16	6,517	n.e.	26	n.	25	3	18	5	5.5		
Tampa	34	60	67	29.95	29.99	- .03	77.2	+ 4.1	88	14	69	20	70	68	63	83	51	85	5.11	+ 2.7	7	4,725	n.e.	24	s.	4	10	10	12	5.6		
East Gulf States.																																
Atlanta	1,174	139	156	28.88	30.11	.00	67.0	+ 4.8	83	7	74	49	12	60	24	61	59	83	4.95	+ 2.1	10	7,192	e.	30	se.	5	8	9	14	6.4		
Macon	370	93	99				69.0	+ 4.7	87	1	77	50	19	61	28	60	59	83	1.37	.....	10	4,528	n.e.	23	n.	3	17	6	8	5.2		
Pensacola	56	78	90				73.9	+ 4.7	92	1	80	59	9	67	20	63	62	83	10.90	+ 7.6	11	7,022	n.e.	48	sw.	22	12	7	8	5.8		
Mobile	57	88	96	29.97	30.03	+ .01	72.2	+ 4.8	90	1	80	54	9	65	21	67	63	83	4.63	+ 1.2	12	5,098	n.	30	w.	24	s.	17	10	9	12	5.5
Montgomery	223	100	112	29.88	30.05	+ .02	71.2	+ 6.0	90	1	79	54	12	63	35	61	62	83	5.24	+ 2.9	8	4,70										

TABLE I.—Climatological data for Weather Bureau Stations, October, 1900—Continued.

Stations.	Elevation of instruments		Pressure, in inches.		Temperature of the air, in degrees Fahrenheit.						Precipitation, in inches.		Wind.		Maximum velocity.																
	Barometer above sea level, feet.		Thermometers above ground.		Mean actual, 8 a.m. + 2 p.m. above ground.		Departure from normal.		Mean maximum + mean minimum.		Departure from normal.		Mean maximum.		Mean minimum.		Greatest daily range.		Mean wet thermometer.		Mean temperature of the dew-point.		Total movement, miles.		Prevailing direction.		Miles per hour.				
	Anemometer above ground.		Mean reduced.		Mean.		Departure from normal.		Mean max. + mean min. + 2.		Departure from normal.		Date.		Date.		Mean daily range.		Mean wet thermometer.		Mean temperature of the dew-point.		Days more.		Days with 0.1 or more.		Direction.		Date.		
<i>Upper Mis. Valley.</i>																															
Minneapolis . . . . .	99	208	29.07	29.97	- .04	57.8	+ 10.7	78	46	67	59.6	38	17	51	27	50	30	51	48	7.55	+ 5.7	11	6,011	s.	40	s.	6	10	11	10	4.5
St. Paul . . . . .	837	114	70	78	29.39	30.04	- .02	61.8	+ 9.7	86	37	38	17	52	30	55	52	78	2.00	- 0.6	8	4,454	s.	35	n.w.	31	19	3	9	5.0	
La Crosse . . . . .	714	70	78	29.30	30.02	- .03	60.4	+ 8.2	87	41	71	33	8	50	37	55	53	83	3.09	- 0.0	7	5,655	s.w.	32	s.w.	30	12	10	12	9.5	
Davenport . . . . .	606	71	79	29.39	30.05	+ .01	60.2	+ 9.6	86	39	70	35	17	51	32	53	50	77	2.38	+ 0.3	9	4,776	s.e.	25	n.w.	7	14	8	9	4.5	
Des Moines . . . . .	861	84	88	29.10	30.02	- .03	60.4	+ 8.2	87	41	73	33	18	52	37	55	53	81	5.36	+ 2.6	10	4,404	s.e.	28	s.s.	31	18	6	8	3.7	
Dubuque . . . . .	698	101	109	29.30	30.05	+ .01	60.2	+ 9.6	86	39	72	36	8	53	30	56	53	81	1.70	- 1.0	11	5,781	s.e.	29	s.s.	31	18	6	8	5.5	
Keokuk . . . . .	614	68	78	29.39	30.04	- .02	62.4	+ 8.3	87	42	74	44	14	57	33	59	57	84	2.03	- 0.1	7	5,642	s.	33	s.s.	31	15	8	8	4.3	
Cairo . . . . .	356	87	93	29.70	30.09	+ .02	65.6	+ 9.9	87	34	74	44	14	57	33	59	57	84	1.70	- 1.0	11	5,781	s.e.	29	s.s.	31	18	6	8	3.7	
Springfield, Ill. . . . .	614	82	92	29.39	30.07	- .00	62.9	+ 7.9	86	43	73	35	18	52	37	58	53	82	2.03	- 0.8	6	5,417	s.	38	s.w.	31	16	9	6	3.8	
Hannibal . . . . .	534	75	110	29.46	30.07	+ .01	62.3	+ 7.2	86	43	73	35	18	52	37	58	53	82	2.07	- 0.8	6	5,482	s.w.	30	s.s.	31	15	8	8	4.3	
St. Louis . . . . .	567	111	210	29.46	30.07	+ .01	65.8	+ 8.3	88	44	75	41	17	57	25	57	53	82	2.07	- 0.8	6	5,417	s.	38	s.w.	31	16	9	6	3.8	
<i>Missouri Valley.</i>																															
Columbia . . . . .	784	4	84	29.01	30.02	- .03	63.6	+ 7.9	89	5	74	33	18	50	41	26	52	72	7.73	+ 6.3	7	4,718	s.e.	30	n.w.	6	14	9	8	4.5	
Kansas City . . . . .	963	78	95	29.01	30.02	- .03	63.6	+ 7.9	89	5	74	33	18	50	41	26	52	72	4.19	+ 1.4	7	5,740	s.e.	30	n.w.	31	16	8	9	3.8	
Springfield, Mo. . . . .	1,324	100	103	28.64	30.03	- .03	62.6	+ 6.6	84	22	71	30	14	50	30	58	53	79	4.03	+ 1.8	7	6,673	s.e.	36	n.w.	6	16	5	5	3.8	
Topeka . . . . .	81	—	—	—	—	—	62.8	+ 6.8	88	22	73	36	17	52	35	2.97	1.1	7	—	—	s.	—	—	—	17	5	9	4.0			
Lincoln . . . . .	1,189	75	84	28.69	29.95	- .10	61.5	+ 7.4	89	4	72	34	17	50	38	26	53	72	2.45	+ 0.6	9	8,231	s.e.	35	s.	6	15	10	6	4.1	
Omaha . . . . .	1,105	115	121	28.79	29.95	- .09	61.6	+ 8.7	89	4	71	37	17	52	32	55	52	77	5.43	+ 3.0	9	8,586	s.e.	32	n.	31	15	9	7	4.4	
Valentine . . . . .	2,598	89	90	27.25	29.97	- .07	53.6	+ 4.4	87	4	69	24	16	48	39	2.31	0.5	4	6,914	n.w.	26	n.w.	21	15	8	8	4.5				
Sioux City . . . . .	1,135	96	164	28.85	29.97	- .07	58.8	+ 7.8	86	5	70	33	8	48	39	2.21	0.5	4	8,901	s.e.	54	n.w.	6	16	8	7	3.8				
Pierre . . . . .	1,572	11	19	28.27	29.94	- .09	54.6	+ 5.2	85	19	67	26	16	42	43	45	38	64	0.50	- 0.2	4	6,681	n.w.	42	n.w.	20	16	9	6	3.8	
Huron . . . . .	1,306	56	67	29.58	29.94	- .09	58.8	+ 7.3	89	5	67	25	16	40	48	47	78	1.47	+ 0.2	7	8,064	s.e.	42	s.e.	20	14	8	8	4.8		
Yankton . . . . .	1,233	53	58	—	—	—	58.0	+ 8.3	88	4	70	34	31	46	42	—	—	64	1.50	+ 0.2	6	6,638	s.	36	s.	19	19	5	7	3.6	
<i>Northern Slope.</i>							49.4	+ 3.3	—	—	—	—	—	—	—	—	—	64	0.51	- 0.3	—	—	—	—	—	—	—	4.3			
Harve . . . . .	2,505	46	47	27.26	29.91	- .11	46.8	+ 2.8	80	18	59	23	21	35	42	40	34	68	0.85	+ 0.2	5	7,589	s.w.	54	s.w.	21	16	9	6	4.4	
Miles City . . . . .	2,371	42	50	27.41	29.92	- .12	50.6	+ 4.5	82	1	63	26	31	38	42	44	40	78	0.10	- 0.8	7	4,125	n.w.	34	n.w.	22	15	5	5	3.7	
Helena . . . . .	4,110	88	93	25.76	29.99	- .07	61.6	+ 8.7	89	4	71	37	17	52	32	55	52	77	0.38	- 0.4	7	4,031	n.w.	36	s.w.	18	15	11	5	5.5	
Kalispell . . . . .	2,965	45	51	26.87	30.00	- .05	43.6	—	68	12	55	28	25	36	32	36	30	60	1.21	+ 0.4	7	5,098	s.w.	40	s.w.	20	16	8	6	4.0	
Rapid City . . . . .	3,234	46	50	26	58	29.92	- .11	53.1	+ 4.1	81	12	66	26	31	40	42	35	33	56	0.26	- 0.4	4	5,961	n.w.	32	s.	28	19	9	3	2.9
Cheyenne . . . . .	6,088	56	64	24.01	30.02	- .03	45.0	+ 3.1	71	4	62	16	31	34	40	37	33	44	0.03	- 0.7	7	7,810	n.w.	42	w.	31	19	8	4	3.1	
Lander . . . . .	5,372	28	36	24.63	30.03	- .04	46.0	+ 1.9	73	3	61	12	31	31	41	37	30	63	0.73	- 0.2	5	5,991	s.w.	34	s.	20	16	7	7	4.8	
North Platte . . . . .	2,821	43	52	27.05	29.99	- .05	55.8	+ 6.0	80	4	72	26	8	40	45	38	32	62	0.39	- 0.6	4	6,180	w.	38	n.w.	21	17	11	3	3.5	
<i>Middle Slope.</i>							60.0	+ 4.8	—	—	—	—	—	—	—	—	—	64	2.18	+ 0.8	—	—	—	—	—	—	—	4.1			
Denver . . . . .	5,291	79	151	24.73	30.01	- .08	54.0	+ 3.5	82	4	69	19	31	39	40	40	36	62	0.33	- 0.6	2	5,771	s.	33	n.w.	21	12	11	8	4.7	
Pueblo . . . . .	4,685	80	86	25.29	29.98	- .03	55.0	+ 2.8	83	3	71	21	31	34	47	42	36	62	0.23	- 0.5	4	4,254	n.w.	29	s.w.	5	16	11	4	3.7	
Concordia . . . . .	1,398	42	47	28.50	29.98	- .06	61.6	+ 7.1	89	4	73	32	17	51	40	54	50	79	3.27	+ 1.7	10	6,210	s.	33	s.	20	16	9	6	4.0	
Dodge . . . . .	2,509	44	52	27.38	29.97	- .04	61.6	+ 6.5	93	5	74	35	17	49	44	51	47	72	0.92	- 0.3	3	8,690	s.	48	s.w.	6	19	9	3	3.5	
Wichita . . . . .	1,358	78	85	25.58	30.00	- .04	63.3	+ 5.7	89	4	73	39	11	51	32	56	53	77	5.71	+ 3.9	3	6,063	s.	29	n.	20	12	5	11	5.1	
Oklahoma . . . . .	1,214	54	62	28.73	30.01	- .02	61.8	+ 8.3	89	6	74	34	18	52	37	40	57	77	3.61	+ 0.9	3	6,972	s.	40	w.	20	12	5	14	5.2	
<i>Southern Slope.</i>							59.5	+ 0.2	—	—	—	—																			

TABLE II.—Climatological record of voluntary and other cooperating observers, October, 1900.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Alabama.</i>	°	°	°	In.	In.	<i>Arizona—Cont'd.</i>	°	°	°	In.	In.	<i>California—Cont'd.</i>	°	°	°	In.	In.
Ashville.....	87	48	66.6	6.73	Ins.	Prescott.....	81	16	53.7	0.62	86	32	58.8	2.03			
Benton.....				3.98		Sentinel *1.....	96	56	76.9	0.00	87	32	63.2	1.01			
Bermuda.....	94	50	72.0	5.40		Signal.....	99	34	67.8	0.06	85	42	60.2	3.50			
Birmingham.....	88	49	69.4	7.18		Silverking.....				1.11							
Brewton.....	96	53	73.8	6.48		Strawberry.....	80	14	48.4	1.60	East Brother L. H.				0.85		
Bridgeport.....				5.57		Supai.....	92	35	63.8	0.25	Edmonton *1.....	74	26	47.1	12.51	T.	
Burkeville.....				3.10		Tombstone.....	85	34	64.9	0.00	El Cajon.....	90	33	63.5	0.30		
Calera.....				7.01		Tonto.....	90	32	65.2	0.73	Elmdale.....	100	31	60.4	0.81		
Citronelle.....	95	51	72.8	9.12		Tuba.....	83	29	58.8	1.46	Elsinore.....	100	37	65.1	0.06		
Clanton.....	84	51	67.3	6.30		Tucson.....	92	29	68.5	0.41	Encino.....	85	25	59.4	0.80		
Daphne.....	87	55	72.4	9.21		Vail *2.....	90	47	71.8	0.50	Fallbrook.....	86	41	62.2	0.23		
Decatur.....	88	47	66.4	5.94		Willcox *1.....	95	40	72.2	0.17	Fordyce Dam.....				10.94	17.0	
Demopolis.....				4.42		Winslow.....	80	20	54.2	0.89	Fort Ross.....	74	42	56.1	7.31		
Enfaula a.....	94	50	70.4	5.50		Yarnell.....				0.54	Fort Tejon.....				1.06		
Eutaw.....	90	52	70.3	4.50		<i>Arkansas.</i>					Georgetown.....	81	32	55.4	5.49		
Evergreen.....	90	56	72.4	4.02		Amity.....	92	45	67.6	4.70	Gilroy (near).....	96	29	60.2	1.25		
Florence a.....				5.65		Arkadelphia.....	93	45	67.6	4.15	Goshen *1.....	87	46	65.0	0.05		
Florence b.....	85	45	66.3	5.79		Batesville.....	91	39	67.8	2.45	Grand Island *5.....	88	40	62.6	1.47		
Fort Deposit.....	92	53	70.3	5.10		Beebranch.....	92	42	66.8	3.75	Grass Valley.....				6.30		
Gadsden.....	90	49	69.6	4.94		Blanchard Springs.....	92	41	67.1	3.99	Greenville.....	79	21	48.9	6.28	1.0	
Goodwater.....	93	50	69.4	8.74		Brinkley.....	90	40	65.6	1.19	Hanford.....	93	28	60.8	0.20		
Greensboro.....	87	48	69.1	7.97		Camden a.....				2.31	Healdsburg.....	90	32	58.4	4.82		
Greenville.....				3.53		Camden b.....	97	42	65.6	3.13	Hollister.....	94	32	59.5	1.13		
Hamilton.....	85	46	67.4	4.89		Conway.....	90	44	68.0	3.69	Humboldt L. H.				7.66		
Healing Springs.....	92	50	69.2	3.03		Corning.....	90	34	63.8	2.42	Indio *1.....	97	45	72.2	1.04		
Helena.....				6.70		Dallas.....	89	44	66.8	7.27	Iowa Hill *1.....	80	36	55.8	5.67		
Highland Home.....	88	51	70.5	4.36		Dardanelle.....				1.66	Irvine.....	90	50	69.6	0.20		
Letohatchie.....				3.63		Elon.....	94	42	68.2	5.66	Jackson (near).....	80	32	56.4	2.74		
Livingston a.....	88	49	68.5	4.53		Fayetteville.....	87	36	63.2	4.64	Jolon.....				2.00		
Lock No. 4.....	85	49	67.0	4.83		Forrest City.....	90	41	66.2	1.40	Kennedy Gold Mine ..	80	31	55.6	2.70		
Madison Station.....	88	47	67.4	6.63		Fulton.....				2.66	Kent.....				5.93		
Maplegrove.....	89	46	66.8	3.10		Hardy.....	85	40	64.4	3.65	Kernville.....				0.10		
Marion.....	93	50	71.0	4.40		Helena a.....	88	45	66.8	3.32	Kingsburg *1.....	89	45	66.4	0.18		
Natasulga.....				3.91		Helena b.....				2.34	Kono Tayee.....	76	40	58.4	3.11		
Newbern.....	87	48	69.8	8.05		Hot Springs a.....				0.74	Lamesa.....				0.37		
Newton.....	91	47	66.4	3.52		Keesees Ferry.....	88	37	64.8	4.65	Lankerشم.....				0.90		
Oneonta.....	82	48	65.2	11.09		Lacrosse.....	87	41	65.0	3.09	Laporte *1.....	69	26	44.5	13.02	6.5	
Opelika.....	90	51	69.5	8.29		Lonoke.....	91	39	66.9	2.18	Lodi.....	86	38	60.4	1.83		
Oxanna.....	87	47	63.9	8.52		Lutherville.....	86	45	64.8	5.27	Los Gatos b.....	89	40	60.1	2.39		
Pineapple.....	92	50	70.1	2.30		Malvera.....	85	40	65.9	3.74	Mammoth *1.....	95	58	73.8	0.26		
Prattville.....	89	54	70.8			Marianna.....	86	42	65.8	1.80	Manzana.....	87	36	61.4	0.09		
Pushmataha.....	98	50	69.7	4.74		Marvell.....	89	42	67.0	2.48	Mare Island L. H.				1.08		
Riverton.....	88	44	65.6	11.42		Mossville.....	82	40	60.8	7.41	Merced b.....	91	30	61.0	0.81		
Scottsboro.....	85	49	67.2	5.79		Mount Nebo.....	82	40	63.2	5.22	Mills College.....				2.09		
Selma.....	94	51	70.5	4.36		New Gascons.....	87	44	66.6	4.47	Milo.....				0.19		
Talladega.....				5.92		Newport a.....				3.19	Milton (near).....	88	38	62.4	1.15		
Tallassee.....				2.57		Newport b.....	91	39	65.8	3.51	Modesto *1.....	95	42	67.2	0.73		
Thomasville.....	90	50	69.4	5.78		Newport c.....	91	36	65.8	3.21	Mohave *1.....	85	40	63.0	0.00		
Tuscaloosa.....	88	46	67.4	5.40		Oregon.....	88	38	64.4	4.66	Mokelumne Hill *8.....				2.35		
Tuscumbia.....	85	48	66.4	5.58		O-coola.....	90	44	67.2	3.86	Monterio.....	78	32	58.2	1.71		
Tuskegee.....	92	52	71.4	2.85		Ozark.....	88	48	67.6*	7.84	Monterey *6.....	79	40	59.1	1.03		
Unior Springs.....	92	53	71.0	5.24		Pinebluff.....	92	46	67.2	2.25	Morena.....	90	31	59.4	0.81		
Uniontown.....	91	48	70.0	3.75		Pocahontas.....	84	38	63.1	4.21	Mountainview.....				0.97		
Valleyhead.....	86	44	66.1	7.28		Pond.....	85	34	62.2	3.36	Napa b.....	91	37	60.6	1.50		
Verbena.....				6.23		Prescott.....	94	46	68.3	7.32	Nevada City.....	75	30	52	5.52		
Warrior.....				2.78		Rison.....	91	42	66.8	4.20	Newhall *1.....	95	35	68.0	0.08		
Wetumpka.....	91	51	71.1	7.73		Rosadale.....	92	43	63.8	4.84	Niles *1.....	90	44	61.8	2.02		
<i>Alaska.</i>						Washington.....	89	43	67.2	4.75	North Bloomfield.....	75	32	52.8	8.32		
Coal Harbor.....	64	34	49.4	4.65		Wiggs.....	89	43	65.1	5.10	North Ontario.....	78	42	61.8	0.40	T.	
Juneau.....	55	28	41.4	10.91	4.2	Winslow.....	80	36	61.2	7.41	North San Juan.....				7.77		
Killisnoo.....	54	28	39.4	6.00		Witt Springs.....	89	41	64.4	5.94	Oakland a.....	80	44	59.2	1.60		
Sitka.....	58	28	42.6	10.73		<i>California.</i>				2.5	Oziby *5.....	102	60	81.1	0.00		
<i>Arizona.</i>						Angiola.....	95	26	60.8	T.	Oleta *1.....	80	36	54.4	2.76		
Allaire Ranch.....						Bakersfield.....	95	31	62.8	0.60	Orland *1.....	88	42	57.6	3.20		
Arivaca.....	92	32	65.9	0.41		Ballast Point L. H.				13.0	Palermo.....	89	35	60.5	8.48		
Aztec *1.....	98	47	75.4	0.24		Bear Valley.....				8.0	Paso Robles b.....	90	27	59.8	1.54		
Bisbee.....	83	38	62.8	T.	Bishop.....	82	44	59.1	1.41	Peachland *5.....	84	39	59.2*	6.09			
Blaisedell *1.....	102	46	73.6	T.	Boca *1.....	75	14	39.9	3.04	Piedras Blancas L. H.				3.74			
Bowie *6.....	84	44	67.0	0.28		Bowman.....	63	1	38.8	1.34	Pigeon Point L. H.				1.27		
Buckeye.....	95	31	69.0	0.20		Branscomb.....				2.5	Pilot Creek.....				8.02		
Casagrande *1.....	92	48	72.0	0.22		Caliente *1.....	90	43	65.4	0.03	Pine Crest.....	88	49	64.2	0.08		
Champlie Camp.....	100	35	71.2	0.60		Campbell.....	88	34	58.6	1.07	Point Ano Nuevo L. H.				2.68		
Congress.....	88	46	69.6	0.31		Cape Mendocino L. H.				8.0	Point Bonita L. H.				4.68		
Dragon Summit *1.....	78	40	59.1	0.90		Cedarville.....	78	20	46.8	3.18	Point Conception L. H.				3.99		
Dudleyville.....	96	27	65.9	0.39		Chico *1.....	82	44	59.9	2.23	Point Firmin L. H.				0.18		
Fort Apache.....	79	20	55.2	0.77		Claremont.....	92	37	62.2	0.59	Point George L. H.				0.35		
Fort Defiance.....	72	14	48.8	0.65		Coronado.....	76	48	64.0	0.00	Point Huemene L. H.				3.86		
Fort Grant.....	91	35	64.9	0.18		Craftonville.....	95	36	65.0	0.40	Point Lobos.....	70	47	56.2	1.		

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		
	Maximum.	Minimum.	Mean.			Maximum.	Minimum.	Mean.			Maximum.	Minimum.				
California—Cont'd.	°	°	°	In.	In.	Colorado—Cont'd.	°	°	°	In.	In.	Florida—Cont'd.	°	°	°	In.
Roe Island L. H.	85	32	56.6	3.46		Mitchell	67	15	43.7	1.35	10.8	St. Andrews	93	51	73.4	12.19
Rosewood	85	36	59.0	2.03		Moraine	76	6	46.3	1.42		St. Augustine	88	52	76.4	9.84
Sacramento a	80	36	59.0	0.16		Pavoda	80	.....	.....	2.35		St. Francis	88	59	74.9	2.96
Salinas* <sup>1</sup>	78	40	60.0	0.16		Parachute	88	26	55.6	1.36		Sebastian	85	70	77.4	4.21
Salton * <sup>1</sup>	106	50	78.9	0.20		Rockyford	78	20	53.0	0.60		Stephensville* <sup>1</sup>	90	55	73.8	2.48
San Bernardino	98	31	65.6	0.36		Rogers Mesa	78	20	53.0	1.07		Summer	94	56	76.5	2.29
San Jacinto	94	32	62.4	0.42		Ruby	.....	.....	.....	2.95	24.0	Switzerland* <sup>1</sup>	85	63	72.8	7.45
San Leandro* <sup>5</sup>	84	38	58.4	1.78		Saguache	78	10	46.7	0.05		Tallahassee	90	56	72.0	5.49
San Luis L. H.	.....	.....	1.37			Salida	80	7	49.0	0.14		Tarpon Springs	87	59	74.6	3.93
San Mateo* <sup>1</sup>	84	45	60.7	1.64		San Luis	73	9	46.2	0.50		Georgia.	.....	.....	.....	.....
San Miguel* <sup>1</sup>	88	38	62.1	0.60		Santa Clara	79	8	48.0	0.80		Adairsville	88	50	66.2	5.25
Santa Barbara a	83	47	62.8	0.15		Sapinero	.....	.....	.....	0.28		Albany	96	52	72.2	4.56
Santa Barbara L. H.	.....	.....	0.22			Sargent's	.....	.....	.....	0.10		Allapaha	95	48	71.0	2.69
Santa Clara a	.....	.....	1.02			Seibert	.....	.....	.....	0.80		Allentown	94	47	70.9	3.61
Santa Cruz b	92	33	57.8	2.11		Silt	76	15	51.4	2.41		Americus	92	50	70.1	3.77
Santa Cruz L. H.	.....	.....	1.90			Springfield	.....	.....	.....	0.98		Athens b	87	46	66.6	4.80
Santa Maria	93	42	62.9	0.65		Strickler Tunnel	.....	.....	.....	1.90	14.5	Bainbridge	93	50	71.2	3.39
Santa Monica	91	41	63.4	0.02		Sugarloaf	78	14	42.5	0.60		Bellville	96	50	73.4	3.63
Santa Paula	91	41	63.4	.....		Trinidad	83	15	55.8	1.56		Blakely	96	50	71.8	6.40
Santa Rosa* <sup>5</sup>	85	37	57.1	4.41		Trotvale	61	0	36.4	0.39		Brent	90	50	69.8	4.38
Shasta	86	38	61.6	8.91		T S. Ranch	76	19	52.8	0.87		Camak	90	45	68.5	3.47
Sierra Madre	89	46	63.6	0.58		Twinlakes	.....	.....	.....	5.00		Canton	.....	.....	.....	6.31
Sonoma	.....	.....	2.54			Villas	.....	.....	.....	1.07		Carlton	.....	.....	.....	3.36
S. E. Farallone L. H.	.....	.....	2.01			Wagon Wheel	65	2	38.7	0.10		Clayton	89	41	63.4	6.28
Stanford University	83	38	57.9	2.01		Walden	68	7	40.9	0.10	0.5	Columbus	91	54	71.1	5.38
Stockton	83	50	63.4	0.97		Wallet	.....	.....	.....	0.00		Covington	84	45	66.6	1.90
Summerville	76	24	49.1	9.57		Westcliffe	66	3	44.4	2.09	1.5	Dalhongea	88	38	62.2	4.47
Susanville	68	25	45.7	2.67		Wray	89	22	54.5	0.03		Diamond	82	44	63.4	5.15
Tehama* <sup>1</sup>	89	42	58.9	3.61		Yuma	.....	.....	.....	0.03		Dublin	.....	.....	.....	3.45
Tejon Ranch	89	40	64.0	0.67		Connecticut.	.....	.....	.....			Eastman	95	50	70.8	2.02
Templeton* <sup>1</sup>	88	38	60.1	1.58		Bridgeport	80	26	56.8	2.97		Elberton	82	48	67.4	6.61
Thermalito	90	39	61.8	2.59		Canton	85	20	55.4	4.15		Experiment	84	49	67.2	3.48
Trinidad L. H.	.....	.....	6.49			Colchester	80	23	56.8	3.92		Fitzgerald	91	47	70.4	2.95
Truckee* <sup>1</sup>	76	24	43.0	1.02		Falls Village	.....	.....	.....	2.41		Fleming	89	43	69.9	6.45
Tulare b	.....	.....	T.			Hartford b	77	30	56.0	3.14		Fort Gaines	93	51	70.7	3.43
Tulare c	96	30	62.7	0.04		Hawleyville	80	23	56.6	4.25		Franklin	99	54	69.0	6.48
Ukiah	86	31	56.1	5.00		Lake Konomoc	.....	.....	.....	2.91		Gainesville	84	46	64.8	2.66
Upperlake	88	33	56.2	3.96		Middletown	82	23	57.4	3.82		Gillsville	92	43	66.2	4.07
Upper Mattole* <sup>1</sup>	83	40	53.2	15.03		New London	77	32	58.3	1.59		Greenbush	85	43	66.4	5.88
Vacaville* <sup>1</sup>	90	45	62.5	1.32		North Grosvenor Dale	83	23	54.8	4.10		Griffin	93	49	68.0	4.18
Ventura	80	47	62.2	0.25		Norwalk	81	23	57.0	3.47		Harrison	90	45	69.3	8.03
Visalia b	95	31	62.2	0.10		Southington	79	24	57.0	2.95		Hawkinsville	89	54	70.8	1.75
Volcano Springs* <sup>5</sup>	102	53	76.2	0.60		Storms	80	25	53.5	3.00		Hephzibah	.....	.....	.....	8.20
Walnutcreek	86	38	62.9	1.38		Voluntown	80 <sup>d</sup>	19 <sup>c</sup>	56.8 <sup>b</sup>	2.80		Jesup	87	40	70.0	5.33
Westpoint	.....	.....	4.20			Wallingford	.....	.....	.....	2.82		Lost Mountain	85	49	67.4	6.48
West Saticoy	.....	.....	0.25			Waterbury	85	23	58.0	3.50		Lumpkin	93	53	71.2	4.33
Wheatland	84	36	50.4	2.19		West Cornwall	83	26	54.6	2.73		Marshallville	89	51	71.0	2.68
Williams* <sup>1</sup>	87	41	63.2	0.61		West Simsbury	.....	.....	.....	3.64		Mauzy	94	47	72.4	3.93
Wilmington* <sup>1</sup>	81	50	62.9	.....		Winsted* <sup>1</sup>	80	22	53.4	.....		Millen	95	44	70.1	3.89
Wire Bridge* <sup>6</sup>	88	37	60.2	4.00		Delaware.	.....	.....	.....	3.52		Morgan	93	47	68.5	3.08
Yerba Buena L. H.	.....	.....	1.00			Milford	.....	.....	.....	5.90		Naylor	95	46	73.4	3.00
Yuba City	86	50	66.3	2.17		Millsboro	84	32	61.0	2.71		Newman	86	49	66.8	3.08
Colorado.	.....	.....	.....			Newark	85	31	59.9	1.44		Oakdale	.....	.....	.....	2.92
Alford	80	6	47.8	0.20		Seaford	84	34	61.6	2.50		Point Peter	88	50	69.2	2.89
Arkins	.....	.....	0.18			Seaford.	.....	.....	.....	3.52		Poulton	93	46	70.8	2.07
Blaine	90	29	60.7	0.77		Wyoming.	80	35	61.9	1.35		Putnam	92	50	69.2	4.03
Boulder	83	25	57.2	0.13		District of Columbia.	80	36	61.6	1.52		Quitman	96	48	71.2	3.25
Boxelder	.....	.....	0.00			Distributing Reservoir* <sup>5</sup>	87	32	61.6	1.48		Ramsey	86	47	66.0	6.74
Breckenridge	62	-1	34.0	0.60	8.2	Receiving Reservoir* <sup>5</sup>	80	35	61.9	1.35		Resaca	.....	.....	.....	5.58
Buenavista	.....	.....	0.50			West Washington	87	32	61.6	1.48		Rome	85	48	66.4	5.01
Canyon	82	18	55.2	0.62	3.0	Florida.	.....	.....	.....	.....		Statesboro	90	47	70.9	2.68
Castlerock	82	8	50.7	0.40	1.0	Archer	92	56	76.2	2.13		Talbotton	88	48	66.2	3.84
Cedaredge	75	18	51.6	1.40	T.	Bartow	90	65	77.0	2.40		Tallafoosa	82	47	65.9	4.72
Cheyenne Wells	86	23	55.0	0.22		Brooksville	88	64	76.0	4.02		Thomasville	97	51	73.2	2.80
Clearview	65	10	41.4	1.36	1.0	Carrabelle	87	55	73.2	9.89		Toccoa	90	54	69.6	5.90
Collbran	.....	.....	0.97			Clermont	92	63	77.0	4.63		Union Point	87	43	68.0	3.42
Colorado Springs	79	14	52.2	0.53	2.0	Dalkeith.	94	51	78.0	6.40		Valona	88	50	72.4	9.64
Cope	85	22	54.8	0.02		De Funik Springs	95	51	72.6	4.82		Washington	93	47	68.5	2.89
Cripplecreek	66	21	46.8	0.36	4.0	Deland	91	61	77.2	4.55		Waycross	93	48	70.8	2.68
Crook	88	18	55.3	0.00		Earnestville	92	62	77.2	4.84		Waynesboro	92	41	65.9	2.05
Delta	84	15	51.9	0.38		Eustis	93	62	77.8	4.84		Westpoint	89	53	68.8	6.15
Dumont	.....	.....	0.82			Federal Point	87	61	74.6	9.99		Woodbury	.....	.....	.....	4.00
Durango	76	6	46.6	0.55	T.	Fort Meade	92	63	76.7	4.31		Idaho.	.....	.....	.....	.....
Fort Collins	83	12	50.4	0.24		Gainesville	92	58	76.2	2.39		Albion	77	16	46.8	1.25
Fort Morgan	84	13	51.8	0.00		Huntington	89	53	74.0	3.54		American Falls	75	17	45.3	1.84
Fox.	.....	.....	0.02			Hypoluxo	95	62	73.3	14.20		Blackfoot	.....	18	.....	0.70
Gilman	.....	.....	1.94	13.5		Inverness.	89	60	77.0	3.19		Burnside	77	14	47.7	2.0
Gleneyrie	75	16	51.0	0.83	2.0	Jasper	89	49	72.8	3.43		Chesterfield	78	15	37.8	1.07
Greeley	81	14	52.0	0.11	T.	Kisimmee	91	64	76.8	4.83		Downey				

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.					
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.				
<i>Idaho—Cont'd.</i>						<i>Indiana—Cont'd.</i>						<i>Iowa—Cont'd.</i>									
Swan Valley .....	72	18	42.5	1.58	6.5	Bluffton .....	89	27	60.4	2.74		College Springs .....	87	31	59.3	8.00					
Weston .....	75 <sup>c</sup>	23	45.7	2.04	3.0	Bright .....	87	35	63.1	2.66		Columbus Junction .....	87	33	61.9	2.89					
<i>Illinois.</i>						Butlerville .....	90	32	63.8	1.52		Coon Rapids .....	84	33	59.6	3.48					
Albion .....	86	38	63.7	2.28		Cambridge City .....	86	28	58.8	1.60		Council Bluffs .....	89	29	60.4	5.99					
Alexander .....	88	32	62.8	2.86		Columbus .....	92	32	64.2	1.75		Crawfordsville .....				3.66					
Ashton .....	95	29	59.5	2.80		Connerville .....	87	31	61.3	2.46		Cresco .....				6.68					
Astoria .....	85	30	60.0	2.90		Crawfordsville .....	94	.....	.....	3.28		Cumberland .....				4.40					
Aurora a .....	88	31	60.4	2.83		Delphi .....	90	28	60.4	3.62		Danville .....				2.80					
Bloomington .....	90	31	63.2	2.62		Edwardsville <sup>a</sup> .....	86	41	66.6	2.37		Decorah .....	84	29	57.8	5.36					
Bushnell .....	89	34	62.6	2.90		Fairmount .....	93	26	60.1	2.52		Delaware .....	85	28	57.4	3.60					
Cambridge .....	84	35	60.8	2.72		Farmland .....	81	29	59.3	1.84		Denison .....	85	28	59.1	6.39					
Carlinville .....	88	32	62.8	2.42		Fort Wayne .....	89	28	59.8	2.83		Desoto .....	84	31	59.6	3.19					
Carlyle .....	.....	.....	.....	2.83		Franklin <sup>a</sup> .....	87	34	61.2	1.80		Dows .....	87	25	58.6	4.05					
Centralia .....	92	32	61.8	1.15		Greenastle .....	85	35	61.8	3.08		Eldon .....	88	30	61.6	4.28					
Charleston .....	88	33	63.0	3.63		Greensburg .....	87	29	61.7	2.24		Elkader .....	89	28	59.0	4.08					
Chemung .....	84	27	57.8	2.57		Hammond .....	88	40	61.8	1.52		Emerson .....				3.20					
Chester .....	.....	.....	1.53		Hector .....	86	29	60.8	1.35		Estherville .....	85	29	56.0	3.00						
Claire .....	89	34	64.2	1.63		Huntington .....	86	31	59.6	2.61		Fayette .....	85	26	57.2	3.68					
Coatsburg .....	86	34	61.6	4.07		Jeffersonville .....	83	39	64.4	2.51		Forest City .....	86	30	58.7	4.11					
Cobden .....	93	36	64.9	2.20		Knightstown .....	89	30	61.7	1.30		Fort Dodge .....	87	29	59.4	3.58					
Danville .....	87	29	60.4	2.01		Kokomo .....	86	32	61.4	2.21		Fort Madison .....				4.19					
Decatur .....	89	31	62.7	1.33		Lafayette .....	85	32	62.2	3.43		Galva .....	85	26	57.8	4.30					
Dixon .....	88	31	60.9	3.41		Laporte .....	92	30	61.0	1.94		Gilman .....				4.67					
Dwight .....	87	27	60.3	1.69		Logansport .....	86	32	60.4	3.20		Glenwood .....	87	29	61.5	5.85					
Effingham .....	87	34	62.2	2.94		Madison <sup>a</sup> .....	89	35	63.6	1.73		Grand Meadow <sup>a</sup> .....	84	35	58.0	4.26					
Elgin .....	85	29	58.0	2.80		Madison <sup>b</sup> .....			1.91			Greene .....	85	29	58.6	2.31					
Equality .....	92	33	64.8	1.50		Marengo .....	88	33	61.9	3.05		Greenfield .....	86	33	60.8	5.88					
Flora .....	86	36	63.0	2.24		Marion .....	90	29	61.2	2.42		Grinnell .....	83	35	60.0	4.73					
Friendgrove <sup>a,b</sup> .....	90	40	67.1	1.90		Markle .....	89	27	60.4	1.50		Grinnell (near) .....	85	34	60.6	4.76					
Galva .....	86	32	61.6	2.61		Mauzy .....	89	30	61.8	1.96		Grundy Center .....	86	31	59.6	4.89					
Glenwood <sup>a,b</sup> .....	82 <sup>c</sup>	36	61.4	1.31		Northfield .....	87	28	59.5	2.15		Guthrie Center .....	89	28	60.5	3.16					
Grafton .....	.....	.....	1.78		Prairie Creek .....	87	29	60.4	3.22		Hampton .....	89	30	60.2	4.59						
Grayville .....	85 <sup>c</sup>	38	61.8	1.52		Princeton .....	89	32	62.6	1.39		Harlan .....	85	27	58.2	4.32					
Greenville .....	91	36	65.4	2.04		Rensselaer .....	92	30	60.3	0.70		Hawkeye .....				5.22					
Griggsville .....	89	35	63.4	2.80		Richmond .....	88	29	60.8	1.59		Hedrick .....	85 <sup>c</sup>	29	59.8	2.80					
Halfway .....	88	35	64.7	0.73		Rockville .....	89	33	62.8	3.33		Hopeville .....	85	35	60.6	5.78					
Halliday .....	93	29	62.2	1.11		Salem .....	95	29	63.7	2.58		Hoprig .....				2.91					
Havana .....	34	.....	2.00		Scottsburg .....	88	34	64.0	2.34		Humboldt .....	85	30	59.0	3.67						
Henry .....	86	29	60.8	3.94		Seymour .....	88	37	64.6	3.90		Independence .....	85	30	58.3	4.20					
Hillsboro .....	90	34	63.2	3.02		Shelbyville .....	88	35	62.7	1.75		Indianola .....	86	33	60.6	4.55					
Joliet .....	86	33	60.6	1.61		South Bend .....	88	30	61.4	1.31		Iowa City .....	88	31	60.8	3.61					
Kishwaukee .....	88	27	58.9	3.64		Syracuse .....	91	29	60.6	4.05		Iowa Falls .....	86	27	57.0	3.77					
Knoxville .....	88	30	58.4	2.94		Terre Haute .....	84	35	63.4	3.33		Keosauqua .....	87	33	62.0	4.92					
Lagrange .....	86	31	59.2	1.12		Topeka .....	86	28	59.4	3.27		Knoxville .....	87	32	58.9	4.86					
Laharpe .....	87	30	60.9	4.70		Valparaiso .....	88	34	60.6	0.50		Lansing .....	88	32	58.8	4.62					
Lanark .....	86	23	57.7	2.82		Veersburg .....	90	31	62.6	3.30		Larchwood .....				1.75					
Loanal .....	.....	.....	3.10		Vevay .....	89	37	63.6	2.00		Larrabee .....	87	29	57.2	1.54						
McLeansboro .....	89	34	63.0	1.53		Vincennes .....	93	36	64.2	1.57		Leclaire .....				1.60					
Martinsville .....	85	36	62.7	2.15		Washington .....	89	37	60.6	2.04		Lemars .....	84	29	57.3	1.69					
Martinton .....	90	27	61.8	1.82		Winamac .....			2.03			Lenox .....	83	33	59.8	7.27					
Mascoutah .....	87	32	62.7	1.99		Worthington .....	91	31	63.6	2.77		Maple Valley .....				4.60					
Mattoon .....	90	42	67.0	3.00		<i>Indian Territory.</i>															
Minonk .....	88	23	61.4	2.24		Bengal .....	89	37	65.2	6.33		Maquoketa .....	84	27	59.2	4.64					
Monmouth .....	87	28	59.8	2.86		Clarendore .....	90	38	65.2	2.92		Marshalltown .....	88	30	60.2	4.46					
Monticello .....	92	31	62.8	2.50		Colbert .....	95	.....	5.16			Monticello .....	87	26	57.7	5.00					
Morrisouville .....	88	33	63.2	3.11		Farland .....	88	37	64.4	2.36		Moor .....	87	29	58.5	5.28					
Mount Carmel .....	.....	.....	1.61		Hartsborne .....	93	40	68.0	5.59		Mountayr .....	87	34	60.3	5.69						
Mount Pulaski .....	90	35	63.8	2.96	Headlton .....	95	34	66.8	4.98		Mount Pleasant .....	89	32	60.7	8.40						
Mount Vernon .....	92	31	63.0	1.56	Lehigh .....	92	39	67.6	6.27		Mount Vernon <sup>b</sup> .....	85	31	60.0	8.56						
New Burnside .....	91	34	65.1	2.74	Marlow .....	91	39	66.8	2.63		Murray .....				5.34						
Olney .....	91	35	63.9	1.58	Muscogee .....	92	38	65.2	5.78		New Hampton .....	88	34	58.4	3.20						
Ottawa .....	89	32	62.7	2.24	Pauls Valley .....	91	35	67.2	6.41		Newton .....	89	33	59.4	4.23						
Palestine .....	89	30	62.0	1.59	Ryan .....	91	40	66.9	5.37		Northwood .....	81	30	56.6	4.37						
Pana .....	88	34	62.8	2.00	South McAlester .....			5.98			Odebolt .....	84	28	59.2	6.28						
Paris .....	89	31	63.2	4.04	Tablequah .....	87	40	65.8	7.55		Ogden .....	87	29	60.2	3.17						
Peoria <sup>a</sup> .....	.....	.....	2.56		Tulsa .....			4.06			Onawa .....	87	28	60.2	4.11						
Peoria <sup>b</sup> .....	87	35	61.9	2.90	Wagoner .....	91	40	65.9	5.60		Osage .....	80	32	56.1	3.20						
Philo .....	89	28	60.9	2.26	Webbers Falls .....	91	40	66.5	6.84		Osceola .....	86	34	60.4	5.95						
Plumhill .....	92	31	63.5	1.90	<i>Iowa.</i>																
Rantoul .....	89	33	62.3	2.32	Ames .....	84	30	59.0	3.79		Oskaloosa .....	87	30	59.8	3.60						
Raum .....	88	45	66.0	1.41	Ames <sup>a</sup> .....	87	31	59.8	3.73		Ottumwa .....	87	35	61.3	5.75						
Riley .....	84	32	59.6	2.74	Ames <sup>b</sup> .....	87	30	59.8	3.73		Ovid .....	86	31	60.2	4.41						
Robinson .....	90	34	64.0	2.41	Atlantic .....	87	24	58.8	5.15		Pacific Junction .....	88	28	60.8	3.94						
Round grove .....	86	28	59.0	2.75	Audubon .....	87	25	57.5	3.72		Pella .....	88	33	60.6	3.71						
Rushville .....	89	33	62.8	3.76	Batavia .....	85	31	57.2	3.50		Perry .....	86	31	60.2	2.72						
St. Charles <sup>a</sup> .....	85	30	59.8	2.36	Baxter .....	89	32	59.6	4.33		Pioneer .....				2.60						
St. John																					

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth " " snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
Iowa—Cont'd.	°	°	°	Ins.	Ins.	Kentucky—Cont'd.	°	°	°	Ins.	Ins.	Maryland—Cont'd.	°	°	°	Ins.	Ins.
Wapello .....	82	29	59.6	1.95		Leitchfield .....	88	34	63.7	2.91		Deerpark .....	82	20	53.2	2.26	
Washington .....	87	30	59.6	4.12		Loretto .....	89	30	63.6	2.43		Easton .....	88	33	61.8	4.5	
Washta .....						Marrowsbone .....	87	36	63.5	2.01		Ellicott City .....	80			1.79	
Waterloo .....	87	30	58.6	4.14		Maysville .....	93	31	64.8	1.08		Fallston .....	85	31	60.6	2.47	
Waverly .....	85	32	59.4	3.40		Middlesboro .....	82	41	62.6	1.42		Frederick .....	86	33	61.7	2.40	
Westbend* <sup>1</sup> .....	85	31	55.8	4.35		Mount Sterling .....	86	34	62.8	1.43		Frostburg .....	88	28		1.88	
Westbranch .....	89	29	58.8	4.10		Owensboro .....	86	37	64.6	4.25		Grantsville .....	88	26	56.0	1.92	
West Union .....						Owenton .....	91	36	65.2	1.57		Greatfalls .....	85	32	60.0	1.34	
Whitten .....	84	29	57.8	4.24		Paducah a .....						Greenspring Furnace .....	85	28	59.5	1.44	
Wilton Junction .....	86	29	59.7	2.69		Paducah b .....	94	40	67.4	2.88		Hagerstown .....	90	31	61.6	2.73	
Winterset .....	89	31	60.5	4.30		Pikeville .....	89 <sup>b</sup>	40 <sup>b</sup>	68.4 <sup>b</sup>	1.86		Hancock .....	82	25	60.6	2.41	
Kansas.						Princeton .....	90	35	64.0	3.91		Jewell .....	82	36	62.0	2.53	
Abilene .....	89	34	61.7	4.46		St. John .....	88	33	63.2	2.25		Johns Hopkins Hospital .....	85	34	61.4	1.85	
Achilles .....	97	23	58.0	0.11		Scott .....	91	33	64.2	1.40		Laurel .....	90	30	61.0	2.73	
Altouna .....	90	37	63.8	2.63		Shelby City .....	92	31	64.6	0.57		McDonogh .....	89	29	59.3	1.68	
Anthony .....						Shelbyville .....	90	30	65.0	2.07		Mount St. Marys Coll. ....	86	34 <sup>b</sup>	60.3 <sup>b</sup>	3.00	
Atchison a .....	88	34	61.7	3.21		Vanceburg .....	85	33	60.2	1.20		Newmarket .....	87	30	60.4	2.74	
Burlington .....	88	34	62.4	5.59		Warfield .....	88	33	65.0	1.89		Pocomoke .....	84	37	63.6	1.24	
Campbell .....	87	29	62.0	2.65		Williamsburg .....	88	41	66.6	1.87		Princess Anne .....	87	30	61.8	2.00	
Chanute .....					Louisiana.						Queenstown .....	86	33	62.0	1.47		
Columbus .....	88	36	62.2	2.53		Abbeville .....	93	53	72.5	2.10		Rockhall b .....	84	32	62.2	1.49	
Delphos .....	89	31	62.4	2.54		Alexandria .....	98	48	72.4	3.30		Smithsburg a .....	89	28	60.0	1.56	
Dresden .....	94	30	58.4	0.13		Amite .....	98	50	71.2	3.80		Smithsburg b .....	87	31	61.6	1.90	
Ellinwood .....	90	30	60.8	1.23		Baton Rouge .....	94	52	71.8	2.21		Solomons .....	87	41	65.3	3.43	
Emporia .....	90	38	61.4	4.55		Burnside .....	94	50	71.6	4.46		Sudlersville .....	85	34	61.8	2.01	
Englewood .....	94	28	61.8	1.14		Calhoun .....						Sunny-side .....	87	21	55.8	3.24	
Eureka .....						Cheneyville .....	96	47	71.0	2.35		Takoma Park .....	87	34	60.2	1.86	
Eureka Ranch .....	92	29	60.9	0.80		Clinton .....	94	48	70.9	2.90		Taneytown .....	87	30	61.1	1.82	
Fallriver .....	87	34	62.8	2.81		Como .....	94 <sup>c</sup>	45	69.3	1.85		Van Bibber .....	82	34	59.5	1.93	
Fanning .....	88 <sup>d</sup>	30 <sup>d</sup>	60.3 <sup>d</sup>	3.91		Covington .....	93	52	70.0	5.84		Westernport .....	85	28	56.6	2.02	
Frankfort .....	91	28	62.2	2.91		Donaldsonville .....	100	54	73.5	4.90		Westminster .....	88	30	60.6	1.47	
Garden City .....	91	31	60.4	0.52		Emile .....	90	53	71.2	6.09		Woodstock .....	81	31	60.7	1.10	
Gove .....						Farmerville .....	86	58	71.6	4.08	Massachusetts.						
Grenola .....	88	32	62.4	3.65		Franklin .....	93	53	71.0	6.75		Amherst .....	78	23	55.2	3.37	
Hays .....	96	30	60.2	1.95		Grand Coteau .....	93	50	70.6	3.75		Bedford .....	78	26	54.5	3.88	
Horton .....	86	36	61.6	3.87		Hammond .....	99	50	71.3	2.52		Bluehill (summit) .....	80	27	54.8	4.06	
Hoxie .....	91	27	59.0	0.25		Jeanerette .....	98	51 <sup>e</sup>	72.4	4.95		Cambridge .....	81	28	56.8	3.71	
Hutchinson .....	92	30	62.8	3.37		Jennings .....	96	49	71.8	3.70		Chestnuthill .....	82	30	56.8	3.79	
Independence .....	88	39	63.8	1.99		Lafayette .....	96	49	71.4	2.12		Cohasset .....				4.71	
Lakin .....	91	30	60.0	0.14		Lake Charles .....	103	52	73.4	10.50		East Templeton* <sup>1</sup> .....	78	28	51.9	3.43	
Lawrence .....	85	37	61.8	3.57		Lake Providence .....	93	48	70.0	3.43		Fallriver .....	78	31	57.8	4.92	
Lebanon .....	90 <sup>f</sup>	26 <sup>f</sup>	60.4 <sup>f</sup>	2.30		L'Argent .....	89	47	69.2	3.10		Fiske Dale .....				4.13	
Lebo .....	86	38	61.8	5.10		Lawrence .....	92	57	74.2	1.98		Fitchburg a* <sup>1</sup> .....	78	27	52.9	4.05	
Little River .....						Libertyhill .....	96	46	70.2	2.52		Fitchburg b .....	82	24	54.2	3.58	
Macksville .....	91	30	61.6	1.89		Mansfield .....	95	42	68.7	1.50		Framingham .....	82	30	55.4	3.78	
McPherson .....	89	34	62.2	4.92		Melville .....	95	48	70.4	4.40		Groton .....	81	22	53.6	3.34	
Madison .....	89	32	61.2	5.56		Minden .....	98	45	70.1	2.24		Hyannis* <sup>1</sup> .....	74	31	55.4	4.81	
Manhattan b .....	92	33	63.0	2.22		Monroe .....	95	46	70.5	4.36		Jefferson .....				8.35	
Manhattan c .....	93	30	63.8	2.21		Montgomery .....	90	48	69.0	3.52		Lawrence .....	88	26	55.2	2.73	
Marion .....	86	36	62.0	3.10		New Iberia .....	91	52	70.9	3.85		Leeds .....	80	20	54.0	3.46	
Medicine Lodge .....	92	31	62.2	2.71		Opelousas .....	95	49	70.8	2.95		Leominster .....				3.44	
Minneapolis .....	90	30	60.3	3.21		Oxford .....	94	43	68.8	2.73		Longplain .....				5.90	
Moran .....	85	37	61.8	3.20		Paincourtville .....	94	52	71.8	5.89		Lowell a .....	83	27	55.2	3.33	
Mounthope* <sup>1</sup> .....	88	36	61.9	2.70		Plain Dealing .....	94	45	68.2	3.97		Lowell b .....	79	30	54.6		
Ness City .....	92	34	62.6	0.59		Rayne .....	99	46	72.4	4.86		Ludlow Center .....	78	18	52.1	4.83	
Newton .....	88	33	60.2	3.87		Robeline .....	95	40	66.7	3.60		Middleboro .....	80	24	54.9	4.68	
Norwich .....	92	36	63.6	3.05		Ruston .....	97	47	70.6	3.20		Monson .....	78	23	55.1	4.01	
Olathie .....	87	35	62.6	3.97		Schriever .....	99	50	72.3	4.53		New Bedford a .....	76	30	57.0	6.58	
Osage City .....	89	32	62.6	3.55		Southern University .....	95 <sup>c</sup>	52 <sup>c</sup>	71.0 <sup>c</sup>	2.65		Pittfield .....	80	24	58.8	2.52	
Oswego .....	92	38	65.7	2.19		Sugar Ex. Station .....	86	56	71.6	2.03		Plymouth* <sup>1</sup> .....	75	34	56.6	4.84	
Ottawa .....	88	32	60.6	4.89		Sugartown .....	92	52	71.2	5.24		Princeton .....				3.40	
Phillipsburg .....	94	30	61.6	1.66		Venice .....	90	60	75.5	2.90		Provincetown .....	78	38	58.0	4.02	
Pratt .....	93	32	62.3	1.91		Wallace .....	95	50	72.3	5.31		Somerset* <sup>1</sup> .....	82	26	58.3	4.54	
Rome .....	91	35	63.9	3.80		White Sulphur Springs .....	98	48	73.1	4.48		South Clinton .....				1.87	
Salina .....	88	34	61.6	3.66		Maine.						Springfield Armory .....	85	22	55.6	8.60	
Sedan .....	86	34	61.9	1.71		Bar Harbor .....	73					Sterling .....				2.98	
Seneca .....	90	30	61.8	4.21		Belfast* <sup>1</sup> .....	73	24	51.3	5.04		Taunton c .....	77	29	54.6	3.07	
Toronto .....	89	36	62.2	4.07		Bemis .....	76	27	51.6	4.68		Westboro .....	80	21	56.0	3.09	
Tribune .....	89	22	53.6	0.03		Calais .....	73	19	49.0	10.87		Weston .....	78	27	54.6	3.71	
Ulysses .....	92	28	50.8	0.55		Carmel .....	76	15	51.5	4.15		Williamstown* <sup>1</sup> .....	79	25	53.0	3.52	
Valley Falls .....	86	34	62.6	2.49		Cornish* <sup>1</sup> .....	80	22	51.6	4.96		Winchendon .....				3.64	
Wakeeney (near) .....	86	36	60.4	0.70		Fairfield .....	75	22	51.4	4.05		Michigan.					
Wallace .....						Farmington .....	79	16	51.8	4.23		Adrian .....	86	27	57.4	2.83	
Wamego* <sup>1</sup> .....	90	35	60.9	2.67		Flagstaff .....	79*	15*	49.4*	2.47		Agricultural College .....	87	24	56.6	2.77	
Winfield .....	87	36	62.1	2.23		Gardiner .....	80	21	52.4	4.47		Allegan .....	86	28	59.0	1.76	
Yates Center .....	87	35	61.7	3.93		Lewiston .....	83	28	53.1	4.42		Alma .....	86	24	56.8	2.81	
Kentucky.	</td																

TABLE II.—Climatological record of voluntary and other cooperating observers.—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<b>Michigan—Cont'd.</b>						<b>Minnesota—Cont'd.</b>						<b>Mississippi—Cont'd.</b>					
Coldwater.....	80	26	59.2	2.46	Ins.	Collegeville.....	75	33	56.4	2.90	Ins.	Watervalley.....	90	51	69.8	12.23	8.
Deerpark.....	88	26	55.1	2.82		Crookston.....	73	30	51.1	4.95		Waynesboro.....	90	49	67.8		
Detroit.....	73	33	54.8	1.91		Currie <sup>1</sup> .....	82	26	55.0	..		Woodville.....	94	49	70.3	6.10	
Dundee.....	88	28	57.9	2.55		Deephaven.....	77	25	51.0	2.82		Yazoo City.....	92	41	68.8	4.05	
Eagle Harbor.....	76	35	56.2	1.48		Detroit City.....	80	29	57.4	6.26		<b>Missouri.</b>					
East Tawas.....	84	27	56.4	3.22		Faribault.....	80	30	56.4	7.41		Appleton City.....	90	40	64.2	2.79	
Elosie.....	89	28	58.8	8.26		Farmington.....	77	30	54.0	1.58		Arthur <sup>2</sup> .....	87	37	59.3	2.27	
Ewen.....	..	..	..	1.70		Fergus Falls.....	79	26	55.2	4.46		Avalon.....	87	36	62.6	7.96	
Fairview.....	86	21	55.8	2.50		Glenoe.....	79	26	55.2	4.46		Bethany.....	87	29	60.0	5.64	
Fitchburg.....	88	24	56.6	5.02		Grand Marais.....	82	27	56.2	4.98		Birchtree.....	84	34	61.6	2.38	
Flint.....	87	24	56.3	2.95		Grand Meadow.....	82	26	48.2	2.55		Boonville.....	84	39	61.4	4.32	
Gaylord.....	79	21	54.5	4.06	T.	Hallock.....	73	26	56.0	2.66		Brunswick.....	84	39	62.6	5.57	
Gladwin.....	83	23	55.9	2.20		Lake Jennie.....	86	30	58.2	2.34		Carrollton.....	89	39	61.2	6.55	
Grand Marais <sup>3</sup> .....	79	24	57.6	..		Lakeside.....	80	28	56.2	3.27		Conception.....	82	39	60.6	3.40	
Grand Rapids.....	86	30	59.2	2.27		Lake Winnibigoshish.....	76	29	52.8	2.99		Cook Station.....	90	38	60.6	3.40	
Grape.....	89 <sup>1</sup>	29	60.5 <sup>1</sup>	2.37		Leech <sup>1</sup> .....	78	30*	50.2	3.99		Cowgill <sup>4</sup> .....	86	34	64.9	3.91	
Grayling.....	80	22	52.7	2.35		Leroy.....	71	21	51.0	6.82		Darksville.....	84	34	61.0	3.75	
Hanover.....	88	25	58.4	2.98		Long Prairie.....	79	25	54.9	1.64		Downing.....	..	..	..	5.57	
Harbor Beach.....	88	28	56.5	2.15		Luverne.....	80	29	56.0	1.79		East Lynne <sup>5</sup> .....	82	39	58.8	2.80	
Harrison.....	81	25	54.8	3.23		Lynd.....	82	26	57.9	3.04		Edgell <sup>6</sup> .....	82	39	58.8	2.67	
Harrisville.....	79	28	56.7	2.90		Mapleplain.....	78	31	57.8	7.26		Edwards.....	89	34	63.6	3.67	
Hart.....	82	26	57.2	1.76		Milaca.....	78	29	55.0	0.71		Eldon.....	88	31	61.9	4.09	
Hastings.....	89	25	57.8	3.59		Milan.....	84	25	55.7	1.44		Elmira.....	89	31	61.3	5.10	
Hayes.....	86	30	56.2	4.44		Minneapolis <sup>a</sup> .....	79	31	56.1	4.81		Fairport.....	89	34	62.8	6.14	
Highland Station.....	..	..	..	8.82		Minneapolis <sup>b</sup> .....	79*	30	57.1	4.30		Fayette.....	86	30	61.0	5.65	
Hillsdale.....	86	25	57.6	2.99	T.	Morris.....	80	30	55.8	1.11		Fulton.....	86	30	61.0	5.65	
Humboldt.....	78	31	50.2	3.06		Mount Iron.....	75	21	51.3	3.50		Galena.....	88	36	63.0	3.32	
Iola.....	88	20	57.8	1.50		Newfolden.....	73	17	47.4	5.55		Gallatin <sup>7</sup> .....	85	39	64.4	2.79	
Iron River.....	77	21	51.8	4.25		New London.....	82	26	57.0	1.80		Gayoso.....	88	36	63.0	3.16	
Ishpeming.....	79	29	54.7	2.68		New Richland <sup>*1</sup> .....	76	34	56.2	..		Glasgow.....	88	38	62.4	3.76	
Ivan.....	81	24	55.3	1.98		New Ulm.....	83	30	57.9	1.67		Gorin.....	88	38	62.4	4.66	
Jackson.....	88	27	58.7	8.65		Park Rapids.....	75	29	52.9	2.93		Halfway.....	88	32	62.6	8.55	
Jeddo.....	86	33	58.2	2.01		Pine River.....	76	30	54.4	2.50		Harrisonville.....	89	34	61.6	2.93	
Kalamazoo.....	88 <sup>2</sup>	36	59.6 <sup>2</sup>	3.17		Pipestone.....	80	32	55.0	1.83		Hazlehurst.....	..	..	..	4.92	
Lake City.....	73	24	53.2	1.10		Pleasant Mounds.....	82	32	58.3	3.00		Hermann.....	..	..	..	3.67	
Lansing.....	87	28	57.6	3.51		Pokegama Falls.....	78	22	51.8	4.30		Houston.....	86	30	60.2	3.97	
Lathrop.....	74	26	51.4	3.37		Redwing.....	..	..	..	3.21		Houstonia (near).....	..	..	..	4.65	
Lincoln.....	81	26	55.5	2.95		Reeds.....	..	..	..	9.37		Irena.....	..	..	..	6.40	
Ludington.....	78	34	59.8	2.61		Rolling Green.....	80	34	56.9	2.41		Ironon.....	90	25	60.8	2.58	
Mackinac Island.....	78	37	55.7	2.05		St. Charles.....	82	31	56.4	11.35		Jackson <sup>8</sup> .....	86	35	58.8	2.73	
Mackinaw.....	83	31	56.6	2.28		St. Cloud.....	80	32	58.2	2.39		Jefferson City.....	..	..	..	2.27	
Madison.....	86	28	58.5	2.64		St. Peter.....	82	29	58.4	3.20		Kidder.....	87	33	62.1	5.13	
Mancelona.....	81	24	56.2	4.01		Sandy Lake Dam.....	75	28	55.6	2.56		Koshkonong.....	87	40	64.5	3.16	
Manistee.....	88	27	57.2	1.50		Shakopee.....	79	30	57.8	6.36		Lamar.....	91	36	63.9	2.30	
Manistique.....	68	30	55.0	2.06		Tower.....	75	27	51.0	0.67		Lamonte.....	..	..	..	4.39	
Menominee.....	86	29	59.1	5.12		Two Harbors.....	72	28	50.2	3.36		Lebanon.....	86	34	62.6	4.00	
Middle Island <sup>10</sup> .....	75	39	56.8	..		Wabasha <sup>11</sup> .....	78	35	56.3	9.81		Lexington.....	89	32	63.6	4.37	
Midland.....	87	25	57.2 <sup>12</sup>	2.10		White Bear.....	..	..	..	4.89		Liberty.....	89	33	62.3	2.87	
Mottville.....	88	26	57.3	2.70		Willmar.....	80	27	55.6	2.92		Louisiana.....	92	32	62.7	4.08	
Mount Clemens.....	89	28	61.4	..		Willow River.....	81	27	55.4	2.06		McClure <sup>13</sup> .....	89	36	63.0	4.33	
Mount Pleasant.....	86	21	55.6	2.77		Winnebago City.....	82	29	51.0	4.23		Macon.....	89	35	63.0	4.39	
Muskegon.....	82	32	58.0	2.80		Zumbrota <sup>14</sup> .....	76*	29	56.9	..		Marblehill.....	86 <sup>15</sup>	35	61.8 <sup>16</sup>	1.67	
Newberry.....	75 <sup>17</sup>	20	51.0 <sup>18</sup>	0.52		<b>Mississippi.</b>						Marshall.....	86	34	60.6	6.01	
Northport.....	80	34	58.1	3.55		Aberdeen.....	85	45	64.2	7.58		Maryville.....	87	33	59.8	4.79	
Old Mission.....	83	34	58.1	8.73		Agricultural College.....	93	46	60.4	8.06		Mexico.....	91	23	63.1	7.88	
Olivet.....	84	29	57.6	3.84		Austin.....	88	42	66.8	2.58		Miami <sup>19</sup> .....	86	39	62.5	8.38	
Omer.....	84	..	..	1.70		Batesville.....	85	45	65.9	5.98		Mineralspring.....	88	33	59.9	4.04	
Ontonagon.....	80	31	54.5	2.54		Bay St. Louis.....	91	54	72.8	2.35		Montreal.....	86	32	61.5	3.43	
Ovid.....	90	23	58.2	2.66		Biloxi.....	92	55	74.1	3.38		Neosho.....	88	32	62.8	3.99	
Owosso.....	90	29	59.3	3.95		Booneville.....	85	46	66.2	10.01		Nevada.....	..	..	..	1.33	
Petoskey.....	79	31	56.5	2.56		Brookhaven.....	97	38	69.0	2.60		New Haven.....	90	36	63.2	3.98	
Plymouth.....	87	32	59.6	3.71		Canton.....	91	46	69.6	6.14		New Madrid.....	85 <sup>18</sup>	41	65.8 <sup>19</sup>	3.06	
Port Austin.....	83	32	59.4	3.10		Columbus.....	..	..	..	5.25		New Palestine.....	89	35	63.2	4.63	
Powers.....	80	24	51.5	3.90		Columbus b.....	88	48	63.4	5.26		Oakfield.....	89	35	64.2	3.41	
Reed City.....	82	28	57.3	3.98		Corinth.....	87	45	65.6	8.51		Olden.....	85	37	61.9	2.81	
Roscommon.....	83	25	56.0	2.25		Crystalsprings.....	93	45	69.8	5.22		Oregon a.....	88	37	62.2	5.60	
Saginaw.....	88	27	58.2	3.62		Edwards.....	91	47	70.0	4.90		Oregon b.....	89	39	65.1	5.40	
St. Ignace.....	82	29	51.7	2.10		Fayette.....	93	47	68.6	3.40		Palmyra <sup>20</sup> .....	90	38	62.5	3.34	
St. Johns.....	87	29	57.9	3.49		Fayette (near) <sup>21</sup> .....	91	52	70.3	5.33		Phillipsburg <sup>22</sup> .....	85	34	59.8	3.04	
St. Joseph.....	75	32	55.8	2.97		Greenville a.....	87	51	67.8	4.88		Pickering.....	..	..	..	5.15	
Sidnaw.....	90	30	55.8	2.21		Greenville b.....	90	50	68.6	5.03		Pine Hill.....	..	..	..	1.85	
Somerset.....	87	26	58.0	2.98		Greenwood.....	86	50	68.6	..		Poplarbluff.....	91	33	64.5	3.09	
South Haven.....	85	33	59.1	2.33		Hazlehurst.....	96	46	70.9	5.03		Potosi.....	90	27	60.7	2.54	
Stanton.....	84	24	58.7</td														

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Missouri—Cont'd.</i>																	
Zeltonia.....	91	81	65.6	Insc.	Insc.	Hickman.....	o	o	o	Insc.	Insc.	Nevada—Cont'd.	o	o	o	Insc.	Insc.
<i>Montana.</i>						Holdrege.....	70	38	57.4	5.74	.....	Hawthorne.....	72	39	52.7	.....	.....
Augusta.....	70	18	45.9	0.02	7.0	Hooper* <sup>1</sup> .....	87	30	57.4	5.74	.....	Hot Springs* <sup>1</sup> .....	70	33	54.8	.....	.....
Boulder.....	70	14	41.4	1.57	.....	Imperial.....	90	22	54.2	T.	.....	Humboldt* <sup>1</sup> .....	77	22	49.8	0.84	2.18
Bozeman.....	71	22	43.5	1.63	5.0	Johnstown.....	.....	.....	.....	T.	.....	Lee.....	76	19	49.5	4.06	1.00
Butte.....	67	25	43.8	2.08	.....	Kearney.....	87	19	53.3	0.87	.....	Lewers Ranch.....	71	25	49.1	0.23	.....
Canyon Ferry.....	70	31	48.6	1.34	.....	Kimball.....	78	17	50.1	0.14	.....	Lovelock* <sup>1</sup> .....	75	31	56.0	1.01	T.
Chester.....	88	26	54.4	0.02	T.	Kirkwood* <sup>1</sup> .....	87	30	58.7	3.93	.....	Martins.....	70	34	47.2	0.65	T.
Clemmons.....	73	14	45.2	.....	.....	Laclede.....	88	30	57.6	5.29	.....	Mill City* <sup>1</sup> .....	72	26	49.7	0.35	.....
Columbia Falls.....	60	18	42.2	3.42	.....	Lexington.....	91	24	55.2	0.65	.....	Palisade* <sup>1</sup> .....	73	4	47.0	0.80	.....
Corvallis.....	80	20	48.6	0.30	.....	Lodgepole.....	85	17	51.7	T.	.....	Palmetto.....	75	16	49.4	0.44	T.
Crow Agency.....	79	19	47.8	0.81	T.	Loup.....	88	28	58.4	2.57	.....	Reno State University.....	81	19	55.6	0.12	.....
Dell.....	70	20	43.8	2.84	17.6	Lyons.....	83	25	57.2	0.41	.....	Silverpeak.....	71	16	47.2	0.00	.....
Ekalaka.....	77	24	49.6	0.04	T.	McCook* <sup>1</sup> .....	85	30	58.0	5.39	.....	Sodaville.....	67	10	45.0	T.	.....
Fort Logan.....	68	23	42.6	1.18	3.0	McCool.....	83	25	57.2	2.44	.....	Tecoma* <sup>1</sup> .....	78	13	42.2	T.	.....
Glasgow.....	79	18	47.0	0.71	.....	Madison.....	85	30	58.0	0.10	.....	Toano* <sup>1</sup> .....	68	18	47.7	1.55	.....
Glendive.....	82	23	49.3	1.10	.....	Marquette.....	.....	.....	.....	Tybo.....	74	28	47.9	1.10	.....		
Glenwood.....	72	23	43.4	2.53	.....	Mason City.....	92	31	58.3	3.41	.....	Wadsworth* <sup>1</sup> .....	80	12	48.9	T.	.....
Greatfalls.....	71	28	47.2	0.80	2.3	Minden a.....	92	31	58.3	3.41	.....	Wells.....	.....	.....	1.19	4.0	.....
Lewistown.....	74	18	44.2	1.00	T.	Monroe.....	.....	.....	.....	.....	.....	New Hampshire.	.....	.....	.....	.....	.....
Livingston.....	75	20	49.8	1.20	.....	Nebraska City b* <sup>1</sup> .....	88	40	60.3	4.50	.....	Aisted.....	83	15	51.8	2.98	3.64
Manhattan.....	71	20	44.4	0.79	5.0	Nebraska City c.....	88	34	60.6	.....	Berlin Mills.....	77	19	52.0	5.02	T.	
Martinsdale.....	74	18	44.0	0.75	.....	Nemaha* <sup>1</sup> .....	98	32	56.2	5.41	.....	Bethlehem.....	84	21	53.2	3.59	.....
Marysville.....	68	24	42.1	1.42	8.0	Nesbit.....	86	22	52.4	0.32	.....	Brookline* <sup>1</sup> .....	83	18	53.6	3.40	.....
Missoula.....	71	21	45.8	0.72	T.	Norfolk.....	87	25	57.4	3.26	.....	Concord.....	81	18	54.3	2.19	.....
Parrot.....	69	23	44.4	1.75	.....	North Loup.....	93	25	56.8	2.36	.....	Durham.....	84	24	53.6	4.32	.....
Plains.....	72	23	45.8	0.88	.....	Oakdale.....	89	31	56.2	2.88	.....	Grafton.....	82	15	52.6	3.43	.....
Poniar.....	73	21	47.8	0.91	.....	Odeil.....	.....	.....	.....	.....	.....	Hanover.....	84	19	53.0	3.17	T.
Ridgeland.....	80	20	48.3	0.27	.....	O'Neill.....	89	22	54.4	3.21	.....	Keene.....	82	19	53.1	3.15	.....
St. Pauls.....	95	16	48.9	1.23	.....	Ord.....	.....	.....	.....	.....	.....	Littleton.....	78	17	50.8	4.16	.....
Twin Bridges <sup>d</sup> .....	71	20	42.0	.....	Osgood.....	.....	.....	.....	.....	.....	Nashua.....	84	23	54.7	2.76	.....	
Wibaux.....	75	20	46.3	1.62	T.	Palmer* <sup>b</sup> .....	86	36	58.9	2.58	.....	Newton.....	83	21	54.4	4.00	.....
<i>Nebraska.</i>						Palmyra* <sup>c</sup> .....	90	34	59.4	2.44	.....	North Conway.....	82	18	52.7	2.12	.....
Agate.....	.....	.....	0.69	T.	Plattsmouth <sup>b</sup> .....	.....	.....	.....	.....	.....	Peterboro.....	79	18	52.2	3.47	.....	
Agee.....	.....	.....	3.95	.....	Pleasant Hill.....	.....	.....	.....	.....	.....	Plymouth.....	80	17	52.6	3.94	.....	
Albion.....	90 <sup>e</sup>	25 <sup>e</sup>	57.7 <sup>e</sup>	3.12 <sup>e</sup>	.....	Ravenna a.....	90	28	57.7	3.17	.....	Sanbornton.....	81	19	52.6	2.91	.....
Alliance.....	.....	.....	0.40	.....	Ravenna b.....	.....	.....	.....	.....	.....	Stratford.....	82	26	52.4	5.07	.....	
Alma.....	94	25	58.9	1.05	.....	Ravenna c.....	.....	.....	.....	.....	.....	New Jersey.	.....	.....	.....	.....	.....
Ansley.....	87	23	54.6	1.27	.....	Redcloud a <sup>c</sup> .....	88	27	57.0	1.86	.....	Asbury Park.....	79	36	61.4	3.71	.....
Arapaho* <sup>1</sup> .....	88	32	58.8	0.30	.....	Republican* <sup>c</sup> .....	88	32	56.2	1.79	.....	Bayonne.....	83	33	60.8	3.49	.....
Arboryville* <sup>1</sup> .....	90	34	56.7	6.75	.....	St. Libory.....	.....	.....	.....	.....	.....	Belvidere.....	89	26	59.0	1.54	.....
Arcadia.....	90	26	57.0	1.92	.....	St. Paul.....	92	22	57.2	2.82	.....	Bergen Point.....	80	36	60.0	4.06	.....
Arlington.....	.....	.....	5.70	.....	Salem* <sup>c</sup> .....	88	36	59.8	5.47	.....	Beverly.....	90	32	60.8	3.93	.....	
Ashland a.....	89	32	61.8	4.27	.....	Santee.....	90	32	58.8	3.15	.....	Billingsport* <sup>c</sup> .....	80	39	60.3	4.28	.....
Ashland b.....	.....	.....	2.75	.....	Sargent.....	.....	.....	.....	.....	.....	Bridgeton.....	90	32	62.4	6.59	.....	
Ashton.....	.....	.....	3.70	.....	Schuyler.....	.....	.....	.....	.....	.....	Camden.....	83	35	60.0	4.43	.....	
Auburn.....	90	29	61.6	5.36	.....	Seneca* <sup>1</sup> .....	84	27	54.8	T.	.....	Cape May C. H.....	90	32	62.3	2.05	.....
Aurora* <sup>1</sup> .....	88	32	59.3	3.09	.....	Seward.....	82	45	62.8	1.91	.....	Charlotteburg.....	84	20	55.8	2.76	.....
Bartley.....	.....	.....	0.09	.....	Smithfield.....	.....	.....	.....	.....	.....	Chester.....	86	31	57.6	3.33	.....	
Beatrice.....	90	26	61.2	1.06	.....	Sprague.....	.....	.....	.....	.....	.....	Clayton.....	91	30	60.2	4.06	.....
Beaver.....	98	26	60.2	0.62	.....	Springview.....	84	25	54.0	0.85	.....	College Farm.....	85	30	59.8	3.53	.....
Bellevue.....	.....	.....	4.43	.....	Stanton* <sup>c</sup> .....	84	31	56.5	3.76	.....	Flemington.....	80	30	58.8	4.38	.....	
Benedict.....	.....	.....	4.36	.....	State Farm.....	90	26	61.7	2.66	.....	Freehold.....	84	24	61.4	4.18	.....	
Benklement.....	.....	.....	T.	.....	Strang.....	90	32	62.4	2.25	.....	Friesburg.....	89	24	65.6	1.88	.....	
Blair.....	88	35	60.5	5.21	.....	Stratton.....	90	35	60.6	4.83	.....	Hampton.....	87	24	57.2	2.95	5.49
Bluehill.....	.....	.....	1.92	.....	Superior* <sup>b</sup> .....	86	32	61.2	2.50	.....	Hightstown.....	83	33	59.9	3.89	.....	
Bradshaw.....	.....	.....	5.51	.....	Syracuse.....	.....	.....	.....	.....	.....	Imlaystown.....	87	33	61.8	6.28	.....	
Brokenbow* <sup>1</sup> .....	80	28	58.6	1.10	.....	Tablerock.....	.....	.....	.....	.....	.....	Lambertville.....	88	28	54.2	2.81	.....
Burchard.....	.....	.....	0.83	.....	Tecumseh b.....	90	29	63.3	2.43	.....	Layton.....	92	19	57.8	1.47	.....	
Burwell.....	.....	.....	1.96	.....	Tecumseh c.....	.....	.....	.....	.....	.....	Moorestown.....	83	33	61.0	5.28	.....	
Callaway.....	.....	.....	1.25	.....	.....	.....	.....	.....	.....	.....	Mount Pleasant.....	84	29	61.4	2.38	.....	
Camp Clarke.....	86	20	49.0	0.58	.....	.....	.....	.....	.....	.....	Newark.....	84	30	59.0	4.50	.....	
Central City.....	.....	.....	5.65	.....	.....	.....	.....	.....	.....	.....	New Brunswick.....	88	31	60.8	4.11	.....	
Chester.....	.....	.....	3.42	.....	.....	.....	.....	.....	.....	.....	Newton.....	90	34	58.4	3.07	.....	
Columbus.....	85	29	58.6	3.99	.....	.....	.....	.....	.....	.....	Ocean City.....	85	31	59.0	2.77	.....	
Crete.....	86	33	60.8	2.15	.....	.....	.....	.....	.....	.....	Oceanic.....	78	37	56.8	4.09	.....	
Cuiberton.....	.....	.....	0.49	.....	.....	.....	.....	.....	.....	.....	Paterson.....	84	32	56.4	4.43	.....	
Curtis.....	81	26	54.0	T.	.....	.....	.....	.....	.....	.....	Perth Amboy.....	81	35	60.4	3.54	.....	
David City.....	83	31	58.8	3.65	.....	.....	.....	.....	.....	.....	Plainfield.....	86	28	58.7	5.25	.....	
Dawson.....	91	32	63.8	6.45	.....	.....	.....	.....	.....	.....	Rivervale.....	83	24	57.8	6.07	.....	
Eden.....	.....	.....	7.55	.....	.....	.....	.....	.....	.....	.....	Roseland.....	86	24	57.4	4.02	.....	
Edgar a.....	.....	.....	2.46	.....	.....	.....	.....	.....	.....	.....	Salem.....	91	31	63.5	.....	.....	
Ewing.....	.....	.....	2.85	.....	.....	.....	.....	.....	.....	.....	Somerville.....	87	28	59.8	2.86	.....	
Fairbury.....	91	26	60.1	1.78	.....	.....	.....	.....	.....	.....	South Orange.....	80	30	58.0	5.09	.....	
Fairfield.....	92	31	60.6	2.88	.....	.....	.....	.....	.....	.....	Toms River.....	88	25	58.8	4.73	.....	
Fairmont.....	89	30	59.1														

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	Stations.	Temperature. (Fahrenheit.)			Precipita- tion.							
	Maximum.	Minimum.	Mean.			Rain and melted snow.	Total depth of snow.	Maximum.			Minimum.	Mean.									
New Mexico—Cont'd.	°	°	°	Ins.	2.5	New York—Cont'd.	°	°	°	Ins.	T.	North Carolina—Cont'd.	°	°	°	Ins.	Ins.				
Engle.....	85	22	58.8	0.64		Moira.....	83	23	53.2	1.90		Sloan.....	90	34	67.2	3.07					
Espanola.....	79	22	53.0	0.73		Newark Valley.....	83	17	51.2	4.22		Soapstone Mount.....	88	30	63.4	3.43					
Folsom.....	77	23	52.4	1.66		New Lisbon.....	83	17	51.2	2.87		Southern Pines a.....	92	36	67.8	1.02					
Fort Bayard.....	78	24	56.2	0.49		North Germantown.....	80	24	55.2	3.13		Southern Pines b.....	87	42	67.0	0.99					
Fort Stanton.....	82	26	54.7	1.43		North Hammond.....	81	21	52.0	3.25		Southport.....	89	49	70.1	4.10					
Fort Union.....	82	25	51.4	1.63		Number Four.....	80	19	52.6	3.00		Springhope *.....	87	34	65.1	.....					
Fort Wingate.....	84	15	53.4	0.74		Nunda.....	87	27	55.8	3.78		Tarboro.....	94	36	67.4	1.06					
Gage.....	.....	.....	.....	0.28		Ogdensburg.....	80	27	55.4	2.48		Waynesville.....	81	35	58.4	2.12					
Galisteo.....	77	27	53.0	1.90		Old Chatham.....	.....	.....	.....	.....		Weldon a.....	86	35	63.8	1.25					
Gallina Spring.....	80	28	55.2	2.01		Oneonta.....	89	22	56.3	3.07		Weldon b.....	.....	.....	.....	1.22					
Horse Springs.....	80	.....	.....	1.86		Oxford.....	85	18	54.2	3.62		North Dakota.									
Las Vegas Hotsprings.....	74	19	51.2	2.99		Palermo.....	82	23	51.1	3.32		Amenia.....	78	24	49.2	3.03					
Lordsburg.....	.....	.....	.....	0.12		Penn Yan.....	92	27	58.8	3.62		Ashley.....	79	16	49.0	1.11					
Los Lunas.....	81	25	54.2	0.40		Perry City.....	85	22	55.2	4.76		Berlin.....	78	18	47.5	1.02					
Lower Penasco.....	.....	.....	.....	1.05		Phoenix.....	.....	.....	.....	.....		Buxton.....	73	24	48.4	2.66					
Lyons Ranch.....	86	25	60.2	1.22		Plattsburgh Barracks.....	76	25	52.6	1.00		Churchs Ferry.....	76	22	48.0	0.75					
Mesilla Park.....	91	29	61.8	0.45		Port Byron.....	85	28	56.7	3.73		Coal Harbor.....	77	24	46.8	0.90					
Olio.....	74	23	50.4	T.		Port Jervis.....	83	23	56.9	1.31		Devil's Lake.....	73	23	50.0	2.60					
Raton.....	84	20	53.8	1.35		Primrose.....	80	27	57.0	3.93		Dickinson.....	78	22	47.0	0.47					
Roswell.....	90	34	61.8	3.33		Ited Hook.....	.....	.....	.....	.....		Donnybrook.....	.....	.....	.....	1.57					
San Marcial.....	87	.....	.....	0.00		Richmondville.....	78	22	53.4	2.61		Dunseith.....	87	19	47.0	0.87					
Socorro.....	84	28	59.0	0.60		Ridgeway.....	86	27	58.4	2.69		Ellendale.....	77	24	51.5	1.10					
Springer.....	84	18	53.3	0.35		Rome.....	80	25	53.4	2.65		Falconer.....	78	24	48.9	1.74					
Strauss.....	.....	.....	.....	0.15		Romulus.....	87	29	58.4	4.89		Fargo.....	81	22	49.7	2.80					
Whiteoaks.....	79	27	56.0	1.56		Rose.....	.....	.....	.....	.....		Fort Berthold.....	83	22	49.4	1.29					
Winsors Ranch.....	69	14	43.2	2.08		St. Johns River.....	86	22	54.8	1.89		Fort Yates.....	82	22	49.3	1.17					
Woodbury.....	81	21	54.6	0.47		Salisbury Mills.....	.....	.....	.....	.....		Fullerton.....	77	21	48.8	1.84					
<i>New York.</i>																					
Adams.....	.....	.....	.....	3.84		Saranac Lake.....	79	20	50.7	1.44		Gallatin.....	71	16	46.4	1.88					
Addison.....	90	25	56.6	4.80		Saratoga Springs.....	83	24	55.1	2.00		Glenullin.....	77	23	48.0	1.06					
Akron.....	.....	.....	.....	3.67		Schenectady.....	90	25	56.3	2.51		Grafton.....	74	25	47.5	1.10					
Alden.....	86	30	61.4	3.18		Scottsville.....	.....	.....	.....	.....		Hamilton.....	75	26	47.2	1.27					
Alfred.....	.....	.....	.....	4.58		Setauket.....	77	34	58.8	2.97		Hannaford.....	75	20	48.6	1.38					
Angelica.....	85	20	54.0	4.52		Shortsville.....	86	30	58.8	3.14		Jamestown.....	78	21	46.9	1.42					
Appleton.....	88	25	57.9	2.97		Skaneateles.....	.....	.....	.....	.....		Laramore.....	76	22	47.4	1.77					
Atlanta.....	91	23	55.8	3.79		South Canisteo.....	87	24	54.3	5.81		McKinney.....	78	20	44.8	1.96					
Auburn.....	94	25	60.0	3.37		Southeast Reservoir.....	.....	.....	.....	.....		Mayville.....	76	28	49.6	3.00					
Avon.....	89	24	57.8	4.06		South Kortright.....	83	16	51.6	2.09		Medora.....	80	14	48.6	0.80					
Axton.....	79	24	50.8 <sup>d</sup>	2.05		Straits Corners.....	88	20	54.6	4.89		Melville.....	73	21	48.4	1.34					
Baldwinsville.....	85	27	57.8	3.41		Ticonderoga.....	85	31	56.4	1.65		Milton.....	68	23	45.8	0.80					
Bedford a.....	.....	.....	.....	5.50		Volusie.....	85	30	57.8	3.40		Minnewaukon.....	74	21	47.2	0.72	1.5				
Beedes.....	77	19	50.3	1.73		Walton.....	88	19	54.9	1.88		Minto.....	75	23	47.6	1.95					
Bisby Lodge.....	.....	.....	.....	3.39		Wappingers Falls.....	85	26	58.0	3.67		Napoleon.....	78	19	48.1	0.76					
Blue Mountain Lake.....	.....	.....	.....	1.90		Warwick.....	.....	.....	.....	.....		New England.....	76	17	46.0	.....					
Bolivar.....	89	18	54.1	5.94		Watertown.....	80	25	56.0	3.09		Oakdale.....	79	.....	.....	0.87					
Buckville.....	82	24	54.1	3.60		Waverly.....	91	24	56.2	3.72		Pembina.....	74	24	47.0	2.94					
Boys Corners.....	.....	.....	.....	4.26		Wedgewood.....	90	26	57.0	5.35		Portal.....	70	23	45.6	1.00					
Brookport.....	85	29	58.2	3.89		West Berne.....	90	21	54.7	3.15		Power.....	80	27	50.6	1.94					
Caldwell.....	78	25	54.8	1.86		West Chazy.....	76	21	51.8	.....		Steele.....	75	19	48.8	0.71					
Canaan Four Corners.....	83	23	54.2	3.18		Westfield a.....	83	35	60.1	3.39		Towner.....	75	21	47.4	.....					
Canajoharie.....	84	24	55.1	2.31		Westfield b.....	84	32	59.4	3.03		University.....	73	26	46.9	2.81					
Canton.....	82	21	52.6	2.84		Westfield c.....	85	35	60.9	3.48		Wabpton.....	80	23	51.8	2.28					
Carmel.....	82	27	58.0	3.83		Williamson.....	.....	.....	.....	.....		Willow City.....	76	21	47.2	1.03					
Carvers Falls.....	82	22	53.8	2.04		Windham.....	87	18	53.2	1.78		Woodbridge.....	72	21	45.3	0.26					
Catskill.....	87	27	57.4	2.13		<i>North Carolina.</i>															
Cedar Hill.....	90	22	57.5	2.26		Abshers.....	86	32	63.0	8.73		Akron.....	86	32	59.6	1.38					
Charlotte* <sup>10</sup> .....	82	25	53.2	.....	Biltmore.....	84	36	59.8	3.67		Annapolis.....	90	35	63.8*	1.03*						
Chenango Forks.....	.....	.....	.....	3.26		Bryson City.....	.....	.....	.....	.....		Ashland.....	85	32	61.1	1.62					
Cooperstown.....	79	23	53.5	2.57		Chapel Hill.....	89	36	65.4	1.10		Ashtabula.....	88	33	60.0	1.50					
Cortland.....	85	26	57.9	4.59		Cherryville.....	88	35	65.0	2.29		Atwater.....	.....	.....	.....	1.99					
Cutchogue.....	76	28	53.4	3.00		Currituck.....	.....	.....	.....	.....		Bangorville.....	87	34	60.8	1.74					
Dekalb Junction.....	.....	.....	.....	2.54		Edenton.....	84 <sup>d</sup>	38 <sup>d</sup>	65.2 <sup>d</sup>	1.25 <sup>d</sup>		Bellefontaine.....	80	25	60.4	2.78					
Easton.....	.....	.....	.....	3.27		Fayetteville.....	80	34	66.8	1.84		Bement.....	86	32	57.0	1.21					
Elba.....	88	23	58.2	3.39		Flatrock.....	78 <sup>d</sup>	33 <sup>d</sup>	57.5 <sup>d</sup>	8.17 <sup>d</sup>		Benton Ridge.....	88	29	59.0	3.05					
Elmira.....	86	28	58.5	4.19		Goldsboro.....	87	37	65.4	1.06		Bethany.....	90	33	62.6	1.97					
Fleming.....	86	28	59.0	2.43		Greensboro.....	85	39	63.4	3.21		Bioprairie.....	87	31	60.0	1.28					
Franklinville.....	86	23	55.1	3.79		Henderson.....	84	38	62.6	4.10		Binda.....	81	30	58.8	2.14					
Fulton.....	.....	.....	.....	4.67		Henrietta.....	85	39	64.8	4.15		Bladensburg.....	86	30	58.8	1.10					
Gabriels.....	77	19	50.0	1.72		Hightlands.....	75	38	56.2	6.00		Bloomingburg.....	85	33	61.8	1.57					
Glens Falls.....	80	25	54.7	1.61		Horse Cove.....	75	43	60.4	8.68		Bowling Green.....	87	28	59.8	2.95					
Gloverville.....	86	21	53.6	2.87		Kinston.....	90	33	66.6	1.54		Bucyrus.....	90	30	59.4	1.75					
Greenwich.....	83	24	55.6	2.31		Littleton.....	70 <sup>d</sup>	31 <sup>d</sup>	62.5 <sup>d</sup>	1.04		Cambridge.....	85	28	61.8	1.64					
Griffin Corners.....	.....	.....	.....	1.61		Louisburg.....	89	33	64.8	1.58		Camp Dennison.....	89	31	62.0	1.72					
Haskinville.....	.....	.....	.....	4.07		Lumberton.....	85	38	66.0	3.32		Canal Dover.....	86	26	57.8	1.35					
Hemlock.....	82	32	57.4	3.45		Marion.....															

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Ohio—Cont'd.</i>						<i>Oklahoma—Cont'd.</i>						<i>Pennsylvania—Cont'd.</i>					
Greenhill .....	88	25	57.7	1.51	In s.	Woodward .....	90	35	63.6	0.97	In s.	Grampian .....	80	30	59.8	3.52	In s.
Greenville .....	88	34	60.1	2.03		Albany a*1 .....	79	36	55.3	4.00		Greensboro .....	82	30	59.8	3.58	
Hanging Rock .....	90	32	64.2	1.25		Albany b*1 .....	.....	.....	.....	5.10		Hamburg .....	92	24	59.1	2.00	
Hedges .....	87	24	59.4	2.73		Alpha .....	78	34	52.4	13.64		Hawthorn .....	92	26	58.8	3.28	
Hillhouse .....	89	28	59.2	2.58		Arlington .....	76	32	53.4	1.29		Hews Island Dam .....	92	26	58.8	3.08	
Hillsboro .....	87	26	59.8	1.75		Ashland b .....	79	32	51.1	3.64		Huntingdon a .....	.....	.....	.....	2.51	
Hiram .....	85	32	59.2	1.99		Aurora *1 .....	80	36	51.0	4.01		Huntingdon b .....	.....	.....	.....	2.58	
Hudson .....	90	29	58.7	2.29		Aurora (near) .....	72	33	50.6	4.92		Irwin .....	89	29	59.8	2.61	
Jacksonboro .....	90	35	62.0	2.05		Bay City .....	65	35	51.4	14.45		Johnstown .....	.....	.....	.....	.....	
Kenton .....	90	31	62.3	3.67		Brownsville *1 .....	76	33	54.4	3.45		Keating .....	89	31	61.2	4.75	
Killbuck .....	85	30	59.4	1.86		Bullrun .....	64	36	48.8	10.69	2.5	Kennett Square .....	90	22	55.8	4.85	
Lancaster .....	88	29	60.8	1.36		Burns .....	75	18	43.1	0.62		Lawrenceville .....	92	25	59.6	1.35	
Leipsic .....	89	26	58.5	1.55		Cascade Locks .....	74	40	52.8	12.34		Lebanon .....	85	26	56.6	3.88	
McConnelsville .....	90	27	61.4	1.55		Comstock *1 .....	75	36	51.6	7.12		Leroy .....	89	25	58.7	3.05	
Mansfield .....	.....	.....	.....	2.15		Coquille .....	.....	.....	.....	7.62		Lewisburg .....	89	30	60.0	4.25	
Marietta .....	87	35	62.3	1.27		Gardiner .....	70	40	53.0	9.74		Lockhaven a .....	.....	.....	.....	4.92	
Marion .....	91	32	61.6	1.84		Glenora .....	76	33	49.7	18.54		Lockhaven b .....	.....	.....	.....	2.77	
Medina .....	92	30	60.6	2.83		Government Camp .....	78	27	43.2	11.98		Lock No. 4 .....	89	32	61.2	2.70	
Milfordton .....	86	31	59.2	1.62		Grants Pass .....	79	32	51.6	5.45		Lycippus .....	.....	.....	.....	4.25	
Milligan .....	90	25	60.2	1.17		Hare .....	76	36	50.9	12.14		Mifflin .....	.....	.....	.....	1.73	
Millport .....	88	24	56.6*	1.46		Falls City .....	68	32	49.4	11.44		Oil City .....	.....	.....	.....	2.34	
Montpelier .....	86	27	57.8	3.62		Forest Grove .....	75	33	49.8	6.01		Parker .....	85	36	61.8	3.14	
Napoleon .....	91	29	61.0	2.62		Gardiner .....	70	40	53.0	9.74		Philadelphia .....	85	36	61.8	3.14	
Neapolis .....	.....	.....	.....	2.80		Glenora .....	76	33	49.7	18.54		Quakertown .....	91	26	58.8	3.02	
New Alexandria .....	86	33	60.5	1.31		Government Camp .....	78	27	43.2	11.98		Reading <sup>2</sup> .....	.....	.....	.....	58.0	0.88
New Berlin .....	88	28	59.4	1.86		Grants Pass .....	79	32	51.6	5.45		Renovo a .....	86	29	58.0	4.36	
New Bremen .....	87	28	60.7	2.19		Hare .....	76	36	50.9	12.14		Renovo b .....	89	20	56.8	3.88	
New Holland .....	88	30	61.3	1.33		Hood River (near) .....	78	31	51.2	4.59		Saegeertown .....	89	24	55.7	3.88	
New Paris .....	88	28	61.5	1.57		Jacksonville .....	82	32	51.1	4.73	2.5	St. Marys .....	90	29	58.8	3.65	
New Richmond .....	90	33	64.5	2.24		Joseph .....	73	17	42.2	1.58		Selinsgrove .....	.....	.....	.....	2.55	
New Waterford .....	85	27	57.4	2.11		Junction City *1 .....	72	40	50.8	3.82		Shawmont .....	.....	.....	.....	0.68	
North Lewisburg .....	88	31	50.7	1.85		Kerby .....	78	31	51.2	11.53		Sinnamahoning .....	87	20	55.4	5.10	
North Royalton .....	89	34	61.2	2.50		Klamath Falls .....	70	25	45.4	.....		Smethport .....	92	26	54.6	2.15	
Norwalk .....	90	32	60.2	1.39		Lafayette *1 .....	76	36	51.4	5.59		Somerset .....	86	26	57.2	1.98	
Oberlin .....	88	32	59.4	1.00		Lagrange .....	74	25	47.6	2.24	T.	State College .....	89	27	57.6	3.32	
Ohio State University .....	86	28	60.4	2.11		Landerock .....	77	19	42.8	2.73		Sunbury .....	.....	.....	.....	3.11	
Orangeville .....	86	25	57.1	1.40		McMinnville .....	76	20	50.5	6.94		Swiftwater .....	85	23	56.0	2.09	
Ottawa .....	90	28	61.2	2.03		Merlin *1 .....	75	36	51.4	6.32		Towanda .....	88	22	56.5	2.83	
Pataskala .....	88	27	60.6	1.98		Monmouth a*1 .....	70	36	50.4	4.42		Troutrun .....	.....	.....	.....	3.73	
Perry .....	.....	.....	.....	2.11		Monroe .....	74	33	51.8	5.92		Uniontown .....	86	33	59.6	4.15	
Plattsburg .....	86	30	60.8	2.33		Mount Angel .....	71	36	51.4	5.90		Warren .....	83	25	56.2	2.29	
Pomeroy .....	88	32	61.6	1.51		Nehalem .....	.....	.....	.....	Wellsboro .....	85	24	56.1	5.01			
Portsmouth a .....	.....	.....	.....	1.60		Newberg .....	75	32	53.6	5.45		Westchester .....	88	32	60.4	2.03	
Portsmouth b .....	87	34	63.4	1.60		Newbridge' .....	70	15	43.7	1.19		West Newton .....	.....	.....	.....	2.62	
Pulse .....	.....	.....	.....	2.03		Newport .....	68	38	51.8	9.07		Westtown .....	84	32	58.8	2.87	
Richwood .....	91	27	60.7	1.87		Pendleton .....	81	29	52.7	3.92		Wilkesbarre .....	90	25	59.6	2.59	
Ripley .....	88	30	63.3	1.01		Placer .....	.....	.....	.....	Williamsport .....	84	29	58.4	2.35			
Rittman .....	85	30	58.6	2.40		Prineville .....	87	20	53.1	1.90		York .....	89	25	59.2	1.51	
Rockyridge .....	91	33	61.0	1.77		Riddells*1 .....	86	36	51.6	4.16		Rhode Island .....	.....	.....	.....	.....	
Rosewood .....	87	29	60.5	3.01		S'a'emb .....	81	31	55.8	4.70		Bristol .....	72	33	57.3	3.59	
Shenandoah .....	88	31	59.5	0.83		Sheridan *1 .....	68	36	50.0	7.18		Kingston .....	80	24	55.1	3.66	
Sidney .....	89	30	60.4	5.21		Silverlake .....	80	15	43.6	2.09		Pawtucket .....	88	35	58.6	3.24	
Sinking Spring .....	87	31	63.4	1.10		Silverton *1 .....	72	38	52.0	4.77		Providence a .....	80	32	57.3	2.86	
Somersett .....	89	34	62.4	1.18		Siskiyou *1 .....	70	26	44.2	2.34		Providence c .....	79	30	56.3	3.18	
Springboro .....	.....	.....	.....	3.69		Sparta .....	69	23	42.4	2.76		South Carolina .....	.....	.....	.....	.....	
Springfield .....	.....	.....	.....	1.64		Springfield *1 .....	70	36	51.1	4.68	8.0	Allendale .....	89	47	69.2	1.90	
Strongsville .....	.....	.....	.....	2.22		Stafford .....	75	34	51.5	5.81		Batesburg .....	89	43	68.0	3.71	
Thurman .....	93	27	64.0	1.25		The Dalles .....	75	31	51.4	2.02		Beaufort .....	90	49	72.4	3.83	
Tiffin .....	85	37	60.2	1.91		Tillamook .....	.....	.....	.....	Blackville .....	95	41	69.3	4.80			
Upper Sandusky .....	88	33	60.2	2.62		Toledo .....	79	33	51.9	7.73		Calhoun Falls .....	.....	.....	.....	6.61	
Urbana .....	82	32	59.4	1.99		Umatilla .....	.....	.....	.....	Camden .....	.....	.....	.....	2.90			
Vanwert .....	86	28	59.9	2.12		Vale .....	75	14	45.8	1.30		Cheraw a .....	90	33	67.7	3.16	
Vermillion .....	88	32	59.6	1.28		Westfork *1 .....	64	34	45.1	6.30		Cheraw b .....	.....	.....	.....	2.48	
Vickery .....	91	34	60.6	1.46		Weston .....	75	26	48.2	5.62		Clemson College .....	87	45	67.0	3.81	
Walnut .....	.....	.....	.....	1.80		Williams .....	76	28	50.0	5.67		Conway .....	.....	.....	.....	4.93	
Warren .....	89	24	59.2	1.72		Pennsylvania .....	.....	.....	.....	Darlington .....	.....	.....	.....	1.92			
Warsaw .....	88	24	57.8	1.51		Altoona .....	84	25	57.8	3.63		Edito .....	.....	.....	.....	5.57	
Wauseon .....	92	25	60.2	3.09		Athens .....	93	23	58.1	3.10		Evingham .....	.....	.....	.....	2.49	
Waverly .....	90	28	63.0	1.44		Beaver Dam .....	.....	.....	.....	Florence .....	85	38	67.0	1.79			
Waynesville .....	90	31	60.9	2.16		Bellefonte .....	91	28	59.0	3.95		Gaffney .....	86	47	68.8	5.55	
Wellington .....	86	32	59.4	0.94		Brookville .....	.....	.....	Georgetown .....	86	47	68.8	2.11				
Westerville .....	83	35	61.1 <sup>1</sup>	2.24		Browers Lock .....	.....	.....	Gillisonville .....	90	41	69.0	1.99				
Wooster .....	86	30	58.9	2.10		Butler .....	86	27	56.8	2.53		Greenville .....	87	41	63.7	2.86	
Youngstown .....	.....	.....	.....	1.51		Carlisle .....	86	29	56.8	2.74		Greenwood .....	87	43	65.9	4.10	
Zanesville .....	.....	.....	.....	1.09		Cassandra .....	83	27	54.8	2.99		Holland .....	82	39	63.2	5.08	
Oklahoma .....	91	37	63.6	2.62		Chambersburg .....	88	27	58.8	2.03		Kingtree a .....	86	40</td			

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>South Carolina—Cont'd.</i>	80	80	80	In.	In.	<i>Tennessee—Cont'd.</i>	80	80	80	In.	In.	<i>Texas—Cont'd.</i>	80	80	80	In.	In.
Wimberley	84	41	66.0	2.70		Maryville* <sup>6</sup>	91	46	66.2	2.53		Temple b	91	42	70.0	1.92	
Winthrop College	87	38	66.4	2.16		Milan	88	41	65.4	4.48		Trinity	95	45	71.8	2.57	
Yemassee	87	41	69.2	2.86		Newport	83	43	64.8	1.54		Tyler	91	46	71.2	2.64	
Yorkville	90	42	68.4	2.92		Nunnelly	85	40	64.6	4.52		Victoria	.....	.....	.....	4.88	
<i>South Dakota.</i>						Oakhill	88	40	64.8	2.73		Waco	92	48	71.7	1.15	
Aberdeen	88	26	55.6	2.10		Palmetto	89	43	66.1	6.66		Waxahachie	93	44	69.8	2.55	
Academy	88	23	55.8	3.90		Perryear	.....	.....	.....	.....		Weatherford	91	44	69.4	4.18	
Alexandria	88	23	55.8	3.90		Rogersville	85	40	68.2	2.00		Wichita Falls	.....	.....	.....	7.10	
Armour	90	23	55.7	3.17		Rugby	85	36	62.2	2.22		<i>Utah.</i>					
Ashcroft	87	17	50.1	0.24		Savannah	86	41	66.4	6.30		Alpine	75	25	47.2	1.55	2.0
Bowdle	82	20	49.8	0.45		Seaweean	83	45	63.9	4.59		Bluecreek* <sup>1</sup>	75	25	47.0	1.00	1.0
Brookings <sup>1</sup>	79*	23	54.3	2.72		Silverlake	78	34	57.4	4.32		Castedale	74	24	51.8	0.00	
Centerville	.....	.....	.....	.....		Springfield	90	40	64.9	3.60		Cisco	78	26	53.0	.....	
Chamberlain	97	26	55.4	0.40		Tazewell	.....	.....	.....	.....		Corinne	83	24	50.0	1.97	
Clark	78	24	53.2	2.85		Tellico Plains	90	44	66.6	3.04		Deseret	82	19	50.8	0.39	1.0
Desmet	81	26	54.8	1.69		Tracy City	84	44	62.4	3.93		Filmore	82	20	52.3	0.03	
Doland	81	20	53.1	1.68		Trenton	83	38	65.3	4.01		Fishesprings	75	26	53.2	0.42	
Elkpoint	89	32	60.2	1.60		Tullahoma	86	43	64.0	5.10		Fort Duchesne	78	20	50.8	0.27	
Farmingdale	.....	.....	.....	0.14		Union City	88	40	64.2	2.50		Frisco	70	20	50.8	0.77	
Faulton	81	21	51.4	1.07		Wildersville	84	41	65.4	6.50		Giles	82	15	52.6	0.27	
Flandreau	83	28	55.9	1.45		Yukon	86	47	65.4	6.89		Green River	82	18	52.8	0.50	
Forestburg	88	23	55.2	3.13		<i>Texas.</i>						Grover	72	15	49.1	1.35	T.
Forest City	83	25	50.8	2.00		Alvin	.....	.....	.....	.....		Heber	75	16	47.0	1.47	T.
Fort Meade	81	27	55.0	0.46		Anna	93	40	70.6	4.76		Henefer	71	11	40.6	1.82	2.0
Fort Randall	.....	.....	.....	5.57		Anson	.....	.....	.....	.....		Hite	86	30	60.6	.....	
Gann Valley	85	21	54.6	0.45		Arthur	.....	.....	.....	.....		Holyoke	83	25	56.8	0.40	
Gary	81	29	53.0	2.05		Austin a	86	42	68.0 <sup>a</sup>	5.50		Huntsville	.....	.....	.....	2.88	0.5
Grand River School	83	21	50.9	1.50		Austin b <sup>b</sup>	94	45	70.8	.....		Keilton* <sup>1</sup>	78	24	48.8	.....	
Greenwood	88	29	58.3	2.97		Ballinger	89	40	68.8	3.54		Levan	75	20	48.7	0.69	3.5
Hartman	86	28	57.1	2.58		Beaumont	98	47	70.8	2.20		Loa	68	1	39.0	0.42	
Hitchcock	.....	.....	.....	2.63		Beeville	96	41	71.0	3.68		Logan	72	24	49.8	2.33	
Hot City	89	19	55.0	0.27		Bigspring	.....	.....	.....	.....		Manti	77	16	48.9	0.60	
Hot Springs	75	26	51.3	1.75		Blanco	95	40	68.0	4.37		Meadowlake	83	20	43.2 <sup>c</sup>	1.70	T.
Interior	81	25	54.2	1.50		Bowie	91	42	68.6	2.44		Millville	.....	.....	.....	1.88	
Ipswich	80	21	50.0	1.05		Brazoria	90	45	73.2	3.52		Minerville	73	18	49.6	0.62	
Kimball	87	24 <sup>d</sup>	54.4 <sup>d</sup>	1.07		Brenham	93	50	72.4	2.89		Moab	86	20	56.6	0.22	
Leola	79	20	49.1	1.06		Brighton	94	41	76.3	3.59		Mount Pleasant	75	16	47.9	0.59	
Leslie	83	25	52.5	1.75		Brownwood	97	42	67.7	1.65		Ogden* <sup>1</sup>	74	23	50.6	2.01	1.0
Mellette	83	22	55.0	1.50		Burnet <sup>e</sup>	86	45	68.6	1.22		Park City	64	15	43.8	0.90	6.5
Meno	88	29	56.8	3.02		Camp Eagle Pass	101	39	72.3	5.50		Parowan	73	15	48.5	0.56	0.7
Millbank	81	28	55.5	0.91		Coleman	91 <sup>f</sup>	43	68.9 <sup>f</sup>	4.33		Pinto	95	13	46.3	0.77	
Mitchell	87	23	57.2	3.42		Colorado	.....	.....	.....	.....		Promontory* <sup>1</sup>	63	26	47.2	0.65	0.6
Mound City	84 <sup>g</sup>	18 <sup>g</sup>	49.8 <sup>g</sup>	0.54		Columbus	.....	.....	.....	.....		Provo	80	23	52.0 <sup>g</sup>	0.66	
Oelrichs	81	22	50.2	0.60		Corsicana	93	43	71.2	2.70		Richfield	77	20	48.8	0.05	
Parker	86	27	57.0	2.70		Cuero	93	46	72.1	2.54		St. George	88	20	57.4	0.54	
Plankinton	85	21	51.2	3.48		Dallas	91	44	69.3	3.71		Scipio	76	10	46.2	0.57	
Redfield	82	21	52.0	1.63		Danevang	91	47	72.2	2.94		Snowville	77	17	46.6	0.93	
Rochford	77	10	46.3	0.35		Dublin	90	45	67.2	3.86		Soldier Summit	73	5	39.8	0.20	2.0
Rosebud	92	22	53.2	1.00		Duval	92	51	71.8	3.73		Terrace* <sup>1</sup>	62	30	44.6	.....	
St. Lawrence	88	18	52.9	0.64		Estelle	94	43	69.8	4.11		Thistle	83	20	48.4	0.75	2.0
Silver City	.....	.....	.....	0.22		Fort Brown	99	48	78.7	3.00		Tooele	74	24	51.1	1.53	8.0
Sioux Falls	86	24	55.8	1.69		Fort McIntosh	101	46	77.2	2.94		Tropic	70	18	43.6	0.88	
Sisseton Agency	78	26	53.0	1.86		Fort Ringgold	99	39	72.6	1.29		Vernal	75	14	49.2	0.57	
Spearfish	78	29	51.9	1.06		Fort Stockton	.....	.....	.....	.....		Wellington	78	7	45.1	.....	
Tyndall	92	21	55.2	2.10		Fredericksburg <sup>1</sup>	93 <sup>4</sup>	40	61.9 <sup>g</sup>	2.45		Woodruff	67	13	40.0	.....	
Watertown	80	25	53.8	1.45		Gainesville	89	45	69.0	4.93		<i>Vermont.</i>					
Waubay	78	24	50.5	1.29		Grapevine	93 <sup>6</sup>	46 <sup>6</sup>	70.6 <sup>6</sup>	5.72		Bennington	85	23	55.4	3.62	
Wentworth	87	27	56.6	3.76		Hale Center	86	41	64.0	3.21		Burlington	78	20	55.8	1.90	T.
Wolsey	87	27	56.6	1.23		Haskell	92	46	71.8	3.95		Chelsea	74	18	50.8	3.19	
<i>Tennessee.</i>						Henrietta	92	40	66.8	5.54		Cornwall	78	23	55.2	1.98	
Andersonville	86	40	60.2	3.09		Hondo	92	40	66.8	4.74		Derby	81	20	51.8	3.79	
Arlington	87	39	63.6	3.65		Houston	99	50	71.5	1.75		Enosburg Falls	83	18	53.6	3.54	
Ashwood	.....	.....	.....	4.80		Huntsville	90	50	70.8	1.91		Hartland	79	18	51.2	3.05	
Benton	88	47	66.5	3.95		Ira	103	43	72.2	1.26		Jacksonville	80	15	50.4	1.80	
Bluff City	.....	.....	.....	1.55		Jacksonsville	91	50	71.6	4.07		Manchester	81	19	53.4	2.64	
Bolivar	86	40	64.8	5.96		Jasper	91	46	71.6	5.54		Norwich	80	17	51.8	3.04	
Bristol	86	35	62.0	1.60		Kaufman	93	46	71.6	2.25		St. Johnsbury	75	18	50.5	2.70	T.
Brownsville	87	40	63.8	4.37		Kerrville	91	41	70.3	2.19		Vernon* <sup>6</sup>	75	23	51.8	2.68	
Byrdstown	89	41	65.8	1.97		Kopperl.	.....	.....	.....	.....		Wells	78	20	53.0	2.68	
Carthage	91	40	63.8	3.38		Lampasas	95	39	70.3	3.80		<i>Virginia.</i>					
Clarksville	86	40	65.2	3.99		Laureles Ranch	.....	.....	.....	.....		Alexandria	90	35	62.8	1.22	
Clinton	89	41	65.0	4.41		Llano <sup>6</sup>	94	46	71.3	1.95		Asblond	86	35	62.7	3.63	
Covington	89	41	65.0	4.41		Longview	92	48	73.4	3.78		Barboursville	93 <sup>5</sup>	35 <sup>5</sup>	63.8 <sup>5</sup>	2.35	
Decatur	87	45	65.6	5.52		Luling	93	44	71.4	6.03		Bedford	88	37	63.5	2.93	
Dickson	89	40	64.6	3.68		Mann	92	43	69.6	3.92		Bigstone Gap	87	35	63.4	2.59	
Dover	90	39	67.8	4.51		Menardville	9										

TABLE II.—*Climatological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
	o	o	o	Ins.	Ins.		o	o	o	Ins.	Ins.		o	o	o	Ins.	Ins.
Virginia—Cont'd.						West Virginia—Cont'd.						Wyoming—Cont'd.					
Newport News.....	86	47	67.3	4.89		Huntington.....	87	31	62.0	1.69		Fort Laramie.....	89	9	50.6	Ins.	Ins.
Petersburg.....	89	37	64.7	2.82		Josiah.....	93	29	62.8	1.44		Fort Washakie.....	72	10	46.4	0.42	0.42
Radford.....						Lewisburg.....	95	31	58.8	4.80		Fort Yellowstone.....	67	18	42.4	1.23	5.5
Rockymount.....	83	35	61.0	3.65		Magnolia.....	93	30	62.7	2.16		Fourbear.....	68	16	43.9	0.51	12.0
Salem.....	82	36	61.2	5.18		Martinsburg.....	85	31	59.7	1.15		Hyattville.....	75	17	48.2	0.00	7.0
Speers Ferry.....						Morgantown.....	92	30	61.0	3.91		Iron Mountain.....	73	19	47.0	0.17	T.
Spottsville.....	90	32	64.2	4.87		New Martinsville.....	97	29	63.2	1.45		Kimball Ranch.....	70	27	49.2	T.	T.
Stanardsville.....	90	33	60.4	4.07		Nuttallburg.....	86	35	61.4	1.70		Laramie.....	70	21	45.2	0.61	3.6
Staunton.....	87	33	61.0	4.58		Oceana.....	84	36	61.6	1.73		Lovell.....	75	12	46.2	0.21	
Stephens City.....	90	31	61.8	3.26		Oldfields.....	86	38	58.8	1.81		Lusk.....	75	15	46.8	0.23	
Sunbeam.....	90	32	65.8	1.93		Parsons.....	85	29	57.6	2.50		Parkman.....	78	23	48.4	0.32	
Warrenton.....	80	35	62.0	1.84		Philipps a.....	94	24	59.2	4.67		Pinebluff.....	82			T.	T.
Warsaw.....	85	35	68.4	2.12		Philipps b.....						Rawlins.....	67	18	42.6	0.28	2.8
Westpoint.....	83	35	62.0	3.12		Point Pleasant.....	89	33	62.0	1.36		Saratoga.....	75	10	45.8	0.90	2.0
Woodstock.....	85	31	60.2	2.65		Powellton.....						Sheridan.....	79	13	47.6	0.37	T.
Wylieville.....	84	33	59.4	3.29		Princeton.....	81	32	58.6	4.13		South Pass City.....	64	13	39.3	1.81	8.0
Washington.....						Romey.....	89	28	59.2	1.94		Thermopolis.....	75	16	48.2	0.97	
Aberdeen.....	74	35	51.6	17.50		Rowlesburg.....						Wheatland.....	82	28	56.8	0.84	T.
Anacortes.....						Southside.....	89	36	64.2	1.25		Cuba.....					
Ashford.....						Spencer.....	90	21	62.8	2.38		Aguacate.....	94	62	78.1	4.36	
Bremerton.....	70	33	50.0	5.00		Terra Alta.....	86	21	57.4	2.00		Alvarez.....					2.65
Bridgeport.....	72	23	51.1	1.82		Upper tract.....	88	27	59.4	2.60		Banauimes.....	93	65	79.2	8.35	
Brinon.....	64	36	49.6	10.87		Wellsburg.....	86	34	57.8	1.21		Batabano.....	91	66	78.6	3.35	
Cedonia.....	66	25	44.6	4.01	0.5	Weston a.....						Camaruani.....	92	65	77.2	4.93	
Centerville.....	78	20	46.6	1.83		Weston b.....	91	29	61.7			Cardenias.....	93	70	81.5	5.59	
Chehalis.....	72	33	50.4	8.17		Wheeling a.....	89	35	64.7	1.17		Cruces.....	95	64	79.4	2.03	
Cheney.....						Wheeling b.....	84	34	60.6			Gibara.....					5.65
Clearwater.....	66	33	49.4	17.64		Wiggins.....	84	37	64.8	1.80		Guabairo.....					5.04
Cle Elum.....	73	26	45.1	3.09		Williamson.....	87	37	62.7			Guanajay.....	89	67	79.4	4.45	
Colfax.....	82	27	49.0	4.21	T.	Winfield.....	86	34	62.7	1.60		Guantanamo.....	92	65	79.6	2.89	
Colville.....	73	21	46.1	2.66		Wisconsin.....						Holguin.....	93	67	79.9	3.86	
Conconully.....	67	26	44.0	2.86	1.5	Amherst.....	76	30	51.3	8.11		Limonar.....	93				6.85
Connell.....						Ashland.....						Magdalal-na.....					2.68
Coupeville.....	64	38	51.6	2.27		Barren.....	72	10	49.9	5.40		Manzanillo.....	93	70	83.8	4.23	
Crescent.....	71	26	46.3	2.98		Bayfield.....	72	34	54.5	2.62		Matanzas.....	93	64	77.9	5.04	
Dayton.....	73	30	51.4	2.76		Beloit.....	82	31	58.6	4.87		Moron Trocha.....	96	67	80.2	2.73	
Ellensburg.....	69	25	45.7	0.98		Brothead.....	86	26	57.8	3.53		Nuevitas.....	90	68	80.4	2.86	
Ellensburg (near).....	70	28	46.6	1.25		Butternut.....	77	27	53.9	6.02		T.					
Grandmound.....	69	33	50.2	7.16		Citypoint.....	84	32	58.4	10.74		Pinar del Rio.....	91	67	78.9	3.42	
Granite Falls.....						Delavan.....	85	28	59.2	3.28		San Cayetano.....	90	66	78.9	8.56	
Hooper.....	79	28	51.7	1.92		Easton.....	81	28	57.6	3.15		Santa Clara.....	93	64	79.2	6.75	
Issaquah.....	73	28	51.7	7.69		Eau Claire.....	77	30	57.2	9.41		Soledad.....	90	64	77.4	4.43	
Lacenter.....	68	33	49.6	2.07		Fond du Lac.....	81*	27*	57.8	4.07		Yagupay.....	94	65	80.0	5.08	
Lind.....	75	26	48.9	1.95		Grand River Locks.....						Porto Rico.....					
Mayfield.....	61	29	45.0	6.15		Grantsburg.....	83	30	57.9	4.43		Adjuntas.....	88	67	79.8	10.94	
Mottinger Ranch.....	73	33	53.1	2.10		Hartford.....	82	26	57.8	2.83		Aguadilla.....	88	75	82.0	4.17	
Mount Pleasant.....	74	38	51.8	7.71		Hartland.....	82	28	57.6	3.15		Arecibo.....	93	68	77.4	4.79	
Moxee Valley.....	75	21	48.0	0.83		Harvey.....	86	29	57.4	4.70		Bayamon.....	98	65	79.6	6.83	
New Whatcom.....	70	30	51.3	2.98		Hayward.....	82	28	56.5	5.57		Canovanas.....	90	70	79.5	15.33	
Northport.....	70	24	46.6	3.88		Healdorf.....	76	27	53.6	6.05		Cayey.....					4.26
Olga.....	64	36	49.2	2.76		Hillsboro.....	86	25	55.9	5.84		Cidra.....	90	60	76.4	5.85	
Olympia.....	70	34	50.2	8.36		Knapp.....	82	22	53.2	7.46		Coamo <sup>b</sup> .....	96	66	79.9	1.96	
Pasco.....	75	26	51.4	1.52		Koepenick.....						Comerio.....	92	64	77.4	4.50	
Pinehill.....	72	30	50.0	8.07		Lancaster.....	86	29	57.4	3.56		Corozal <sup>i</sup> .....	92	65	78.6	7.10	
Port Townsend.....	63	38	50.4	2.08		Madison.....	81	34	58.0	4.43		Fajardo.....	93	71	81.4	7.62	
Republic.....	72	23	43.4	2.22	1.0	Manitowoc.....	73	32	54.2	4.84		Hacienda Coloso.....	95	66	78.8	8.24	
Ritzville.....						Meadow Valley.....	81	27	57.0	8.73		Hacienda Peria.....	90	73	80.0	16.88	
Rosalia.....	75	29	46.5	3.16		Medford.....	80	23	54.6	10.75		Humacao.....	92	71	82.3	2.16	
Sedro.....	72	30	49.4	6.19		Menasha.....						Isabela.....	91				2.11
Shoalwater Bay <sup>10</sup> .....	67	41	52.0	...		Neillsville.....	76	28	54.8	7.70		La Isolina.....	90	65	76.6	6.48	
Snomanish.....	66	33	49.9	4.48		New London.....	81	31	56.4	5.24		Lajas.....	93	68	78.0	4.46	
Southbend.....	76	34	51.5	12.97		Oconto.....	81	33	57.8	6.40		Manati.....	95	66	79.0	6.15	
Sprague.....						Osceola.....	79	25	55.9	6.08		Maunabo.....	89	73	81.5	11.60	
Sunnyside.....	72	24	49.6	0.60		Pepin.....	82	30	56.4	11.29		Mayaguez.....	95	68	80.3	12.47	
Twin.....	62	34	48.0	8.13		Pine River.....	79	29	56.5	5.99		Morovis.....	89	66	76.6	8.68	
Union.....	70	32	48.2	12.72		Portage.....	81	31	57.4	4.70		Port America.....	88	70	79.2	7.25	
Usk.....	72	26	44.1	...		Port Washington.....	82	28	54.4	2.33		Puerto de Tierra.....	91	72	81.0	6.86	
Vancouver.....	72	32	50.6	4.25		Prairie du Chien a.....	89	34	61.4	5.42		San German.....	94	60	80.2	8.45	
Vashon.....	68	38	49.8	5.20		Prairie du Chien b.....						San Lorenzo.....	98	66	79.2	10.76	
Waterville.....	67	25	43.6	2.89		Racine.....	87	35	57.9	1.87		Utuado <sup>i</sup> .....	92	73	82.6	5.81	
Wenatchee (near).....	71	27	45.4	2.73		Shawano.....	86	30	56.2	10.02		Vieques.....	88	70	79.4	3.85	
Westsound.....	67	32	50.2	3.09		Sheboygan.....	75	34	58.0	6.04		Wakato.....	93	65	78.6	7.08	
Wilbur.....	74	23	46.4	2.52		Spooner.....	82	30	56.4	6.52		Yanuco.....	93	66	80.0	5.86	
West Virginia.....						Stevens Point.....	79	29	56.2	6.85		Mexico.....					
Beckley.....	79	81	56.6	1.25		Sturgeon Bay Capal <sup>10</sup> .....	69	32	52.9	...		Ciudad P. Diaz.....	93	54	73.4	4.60	
Beverly.....	91	26	58.9	2.80		Two Rivers <sup>10</sup> .....	65	36	54.6	...		Coatzacoalcos.....	89	67	78.0	12.08	

TABLE II.—*Climatological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		EXPLANATION OF SIGNS.
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	
<i>Alaska—Cont'd.</i>												* Extremes of temperature from observed readings of dry thermometer.
Nome.....	° 54	° 22	39.0	Ins.	7.00	Willard.....	° 92	° 37	68.8	1.12	Ins.	A numeral following the name of a station indicates the hours of observation from which the mean temperature was obtained, thus:
Orca.....					15.32	New Jersey.						<sup>1</sup> Mean of 7 a. m. + 2 p. m. + 9 p. m. + 9 p. m. + 4.
Tyoonok.....	67	32	48.8		4.22	Toms River.....	95	37	68.8	1.95		<sup>2</sup> Mean of 8 a. m. + 8 p. m. + 2.
<i>California.</i>						North Carolina.						<sup>3</sup> Mean of 7 a. m. + 7 p. m. + 2.
Craftonville.....	96	45	67.0	1.01		Highlands.....	79°	38°	63.6°	4.99		<sup>4</sup> Mean of 6 a. m. + 6 p. m. + 2.
Kernville.....				0.79		Ohio.						<sup>5</sup> Mean of 7 a. m. + 2 p. m. + 2.
Yuba City* <sup>5</sup> .....	94	52	70.6	0.10		Springfield.....				2.10		<sup>6</sup> Mean of readings at various hours reduced to true daily mean by special tables.
<i>Idaho.</i>						South Dakota.						<sup>7</sup> Mean from hourly readings of thermograph.
Burnside.....	82	24	54.5	0.75		Canton.....	92	29	62.4	0.95		<sup>8</sup> Mean of sunrise and noon.
Moscow.....	86°	40°	61.2	0.79		Gary.....	88	30	58.0	4.65		<sup>9</sup> Mean of sunrise, noon, sunset, and midnight.
<i>Illinois.</i>						Highmore.....				4.89		The absence of a numeral indicates that the mean temperature has been obtained from daily readings of the maximum and minimum thermometers.
Havana.....	98	40	74.1	2.65		Tyndall.....	100	30	62.0	1.35		An italic letter following the name of a station, as "Livingston a," "Livingston b," indicates that two or more observers, as the case may be, are reporting from the same station. A small roman letter following the name of a station, or in figure columns, indicates the number of days missing from the record; for instance "a" denotes 14 days missing.
<i>Kansas.</i>						Victoria.....				0.91		No note is made of breaks in the continuity of temperature records when the same do not exceed two days. All known breaks, of whatever duration, in the precipitation record receive appropriate notice.
Delphos.....	101	46	73.0	5.00		Washington.						
Yates Center.....	99	43	72.0	9.73		Colville.....	89	25	53.3	0.67		
<i>Maine.</i>						Lakeside.....	85	38	61.3	0.84		
Bar Harbor.....	90			3.15		Powellton.....				1.59		
<i>Michigan.</i>						Wisconsin.						
Petoskey.....				8.89		Heafford.....	86	31	58.0	8.76		
<i>Missouri.</i>						Mexico.						
Fulton.....	92	43	69.6	3.60		Coatzacoalcos.....				7.32		
<i>Montana.</i>						Guanajuato.....	86	52	69.0	1.76		
Marysville.....	82	11	48.8	1.94	2.5	Vera Cruz.....	95°	72°	81.3°	2.81 <sup>a</sup>		
Ovando.....	84	18	49.0	1.64								
<i>Nebraska.</i>												
Bartley.....				1.08								

TABLE III.—Mean temperature for each hour of seventy-fifth meridian time, October, 1900.

Stations.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	Midn't.	Mean.		
Bismarck, N. Dak.	44.9	43.8	43.6	43.1	42.2	41.1	40.2	39.8	40.4	43.6	47.4	51.3	54.6	57.0	59.0	59.9	60.3	59.7	56.1	52.7	50.2	48.4	46.8	45.2	48.8	
Boston, Mass.	53.8	52.6	52.5	52.3	52.1	52.5	53.9	55.6	57.0	58.4	59.8	60.5	61.2	61.4	60.8	59.9	58.7	57.5	56.4	55.5	54.7	54.2	58.5	56.1	56.1	
Buffalo, N. Y.	57.8	57.8	57.3	57.0	56.9	56.6	56.9	57.7	59.8	61.4	64.1	64.9	65.4	65.1	64.7	63.9	62.5	61.3	60.8	60.1	59.5	58.7	58.4	60.5	58.4	
Cedar City, Utah	49.2	48.7	48.4	47.0	46.4	45.4	45.3	44.8	43.9	45.6	49.9	53.2	57.0	58.5	59.7	60.4	60.4	59.4	56.9	53.6	51.8	50.5	49.2	51.7	51.7	
Chicago, Ill.	59.6	58.9	58.2	57.4	56.7	56.3	56.0	56.1	57.5	59.9	61.3	63.0	64.5	65.1	65.5	65.7	64.1	63.1	62.4	61.9	61.2	60.8	60.3	60.8	60.8	
Cincinnati, Ohio	60.2	59.3	57.9	57.0	56.1	55.4	54.6	56.2	59.0	61.8	66.5	69.2	71.2	72.7	73.8	73.6	73.0	71.8	69.6	68.1	66.1	64.6	63.2	61.7	64.3	
Cleveland, Ohio	57.7	57.3	56.6	55.8	55.3	54.9	54.6	55.4	58.5	61.3	64.0	65.1	66.1	66.8	67.0	67.1	66.9	65.9	64.3	63.0	62.0	60.5	59.5	58.8	61.0	
Detroit, Mich.	56.9	56.3	56.0	55.5	55.1	54.7	54.2	54.7	56.5	59.3	61.6	63.5	64.8	65.7	66.2	66.6	65.9	64.5	62.5	61.1	59.1	58.6	57.9	59.9	59.9	
Dodge, Kans.	55.7	55.2	54.9	53.8	53.0	52.7	51.5	50.5	52.5	56.4	61.3	64.4	67.9	69.7	71.5	72.7	74.1	71.5	67.4	62.1	59.6	58.1	56.5	55.7	60.8	
Eastport, Me.	48.1	47.7	47.6	47.5	47.1	46.9	47.0	47.7	48.8	50.2	51.5	52.5	53.0	53.7	53.4	52.9	50.2	49.9	49.4	48.3	48.0	48.0	49.0	49.7	49.7	
Galveston, Tex.	74.7	74.3	73.7	73.4	73.2	72.8	73.2	73.9	75.8	77.2	78.5	79.2	79.6	80.0	79.4	79.7	78.7	77.5	76.8	75.6	75.3	75.0	74.5	76.0	76.0	
Havre, Mont.	42.4	41.5	40.4	40.2	39.8	39.5	39.3	39.8	39.9	40.5	43.9	47.0	50.7	53.4	55.5	57.0	57.3	56.5	53.9	52.0	49.1	47.3	45.1	43.8	46.4	
Independence, Cal.	57.7	56.9	55.5	54.2	53.1	52.0	51.3	50.6	51.3	54.8	54.8	54.9	55.2	56.7	57.6	59.2	60.1	60.1	59.0	58.8	58.5	58.5	58.5	58.5	59.3	
Kalispell, Mont.	40.2	39.8	38.8	38.3	37.9	36.9	36.5	38.1	35.7	38.5	37.7	41.1	44.0	46.5	48.6	49.9	51.2	50.1	47.9	45.6	43.3	42.4	41.2	42.3	42.3	
Kansas City, Mo.	60.7	60.0	59.1	58.6	57.7	56.9	56.1	55.7	57.1	60.0	63.7	66.3	68.3	69.7	70.5	71.4	70.4	68.7	66.2	64.6	63.0	62.4	61.0	63.3	63.3	
Key West, Fla.	78.3	77.9	78.0	77.6	77.5	77.6	79.4	80.1	80.6	81.7	81.9	82.0	81.8	81.4	81.0	79.9	79.2	78.5	78.6	75.2	74.8	74.4	74.4	74.4	74.4	
Marquette, Mich.	54.0	53.6	53.2	51.3	52.7	52.5	52.3	51.9	52.9	54.8	56.3	57.9	59.7	60.5	60.8	59.8	58.9	57.5	55.5	54.0	52.7	51.4	50.7	55.8	55.8	
Memphis, Tenn.	64.4	63.4	62.9	62.3	61.5	61.3	60.3	60.7	62.1	64.7	67.2	69.8	71.5	73.5	73.7	73.7	72.7	70.9	69.4	68.1	66.9	66.1	65.1	66.9	66.9	
Mt. Tamalpais, Cal.	54.9	54.7	54.6	54.5	54.9	53.5	53.1	53.1	54.2	54.4	54.2	54.8	55.1	55.5	55.7	56.0	56.2	55.6	55.1	54.8	54.0	53.8	54.5	55.0	55.0	
New Orleans, La.	70.5	69.9	69.5	69.0	68.7	68.5	68.4	69.1	71.6	73.9	75.9	77.0	78.0	78.6	78.7	78.3	77.5	76.0	74.6	73.5	72.4	71.8	71.8	70.7	73.1	
New York, N. Y.	58.5	58.0	57.4	57.0	56.7	56.7	56.7	57.4	58.2	59.6	61.4	63.1	64.4	65.4	65.7	65.0	64.1	62.8	61.6	60.8	60.1	59.7	59.0	58.4	60.3	
Philadelphia, Pa.	58.1	57.4	56.9	56.6	56.2	55.9	55.3	54.5	55.1	55.2	57.0	60.8	64.6	67.4	67.5	67.7	67.0	66.9	64.4	63.1	61.6	60.9	60.2	59.5	61.2	
Pittsburg, Pa.	57.8	57.2	56.2	55.8	55.3	54.5	54.1	55.2	57.7	60.8	64.6	67.4	69.7	70.8	71.6	71.0	70.3	68.8	66.5	64.8	62.7	61.3	60.1	59.2	62.3	
Portland, Oreg.	51.5	50.7	49.9	49.4	49.0	48.4	47.9	47.6	46.5	46.0	46.8	48.1	50.0	52.2	54.4	56.1	57.8	58.0	57.3	54.3	52.5	51.7	51.7	51.7	51.7	
St. Louis, Mo.	62.4	61.6	60.3	59.5	58.8	58.3	57.9	55.8	56.0	58.2	62.2	66.2	68.9	70.6	72.1	72.9	73.3	73.1	71.9	70.1	68.4	67.0	65.6	64.4	65.8	
St. Paul, Minn.	55.7	55.1	54.4	53.7	53.2	52.7	51.9	51.5	51.9	54.0	56.7	58.9	61.0	62.4	63.8	64.2	64.4	63.2	61.7	59.9	58.5	57.6	56.1	57.5	57.5	
Salt Lake City, Utah	49.7	48.8	48.0	48.0	46.6	46.3	46.0	45.8	45.3	47.2	50.7	53.9	56.3	57.8	59.3	60.0	60.5	60.3	58.9	57.0	53.7	52.4	50.7	49.8	52.2	
San Diego, Cal.	61.4	60.9	60.2	60.0	59.9	59.6	59.3	58.8	58.6	58.8	61.3	63.8	65.5	66.5	67.1	67.2	66.9	66.2	65.0	64.2	63.5	62.9	62.1	62.8	62.8	
San Francisco, Cal.	56.1	55.8	55.1	54.6	53.9	53.9	53.7	53.5	54.7	55.3	58.9	60.4	62.4	64.4	65.4	66.3	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	
Santa Fe, N. Mex.	47.9	47.7	47.6	47.1	44.9	44.0	43.4	43.0	42.4	42.5	47.3	51.0	52.8	54.9	56.7	58.3	59.3	58.8	56.5	55.3	50.8	49.9	48.6	48.5	50.4	
Savannah, Ga.	67.8	67.1	66.7	66.1	65.6	65.6	65.5	66.9	70.3	72.6	74.8	76.3	76.5	77.1	77.5	76.6	75.2	73.0	70.4	69.6	68.8	68.4	68.0	70.7	70.7	
Washington, D. C.	57.4	56.7	55.9	55.6	55.3	55.0	55.1	57.5	59.1	62.5	65.4	66.8	69.1	71.7	75.6	76.5	76.2	75.6	73.8	71.0	59.6	58.9	58.1	57.6	61.2	
<i>West Indies</i>																										
Basseterre, St. Kitts	78.6	78.5	78.3	78.2	78.2	79.5	82.0	82.4	83.8	84.6	85.3	84.9	85.4	85.8	86.2	86.8	87.2	87.7	87.9	87.2	87.0	87.0	87.7	87.7	80.9	
Bridgetown, Bar.	76.8	76.4	76.8	76.3	76.4	76.4	78.2	81.8	83.3	83.8	84.8	84.8	84.4	83.4	83.4	83.4	83.4	83.4	83.4	82.9	82.9	82.9	82.9	82.9	82.9	80.0
Cienfuegos, Cuba	73.1	72.6	72.0	71.8	71.8	71.5	72.5	72.6	72.2	80.1	82.3	83.5	84.5	85.1	84.8	84.1	83.4	82.9	81.6	80.4	79.7	79.7	79.7	79.7	77.8	
Havana, Cuba	76.3	75.5	75.0	74.6	74.3	74.3	74.4	77.1	80.3	82.7	83.6	84.3	83.9	83.9	82.8	82.7	81.7	80.3	79.3	79.0	78.3	78.3	77.7	77.7	79.0	
Kingston, Jamaica	73.0	72.7	72.5	72.0	71.9	71.8	73.3	77.5	81.1	84.4	85.2	85.5	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	
Port of Spain, Trin.	75.4	75.1	74.6	74.8	74.8	75.8	79.5	81.1	81.8	84.4	85.4	86.0	86.5	87.0	87.5	88.0	88.5	89.0	89.5	89.0	88.5	88.0	87.5	87.5	87.5	
P. Principe, Cuba	29.186	.185	.186	.186	.191	.196	.199	.199	.204	.207	.202	.198	.185	.171	.156	.151	.152	.155	.160	.163	.171	.178	.183	.182	.181	.181
Boston, Mass.	.014	.014	.014	.020	.025	.035	.042	.043	.044	.037	.026	.015	.007	.004	.004	.008	.016	.023	.028	.027	.028	.027	.027	.027	.027	.027
Buffalo, N. Y.	.312	.311	.312	.318	.322	.329	.337	.343	.343	.348	.342	.334	.318	.312	.300	.297	.295	.300	.305	.307	.310	.312	.311	.310	.310	.310
Cedar City, Utah	.247	.273	.274	.271	.267	.272	.276	.281	.292	.303	.306	.302	.293	.274	.260	.257	.250	.248	.251	.255	.267	.273	.275	.274	.274	.274
Chicago, Ill.	.209	.210	.211	.209	.213	.215	.221	.223	.224	.241	.245	.245	.245	.238	.221	.205	.191	.189	.183	.188	.190	.191	.192	.193	.194	.210
Cincinnati, Ohio	.29.458	.455	.458	.463	.470	.480	.484	.496	.495	.489	.484	.474	.453	.438	.422	.422	.426</td									

TABLE V.—Average wind movement for each hour of seventy-fifth meridian time, October, 1900.

Stations.	Wind Movement												Wind Movement															
	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	Noon	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	Midnight.	Mean.				
Abilene, Tex.....	6.5	6.6	6.3	6.5	7.4	7.6	7.4	7.2	7.5	9.2	10.8	11.4	11.0	10.8	10.5	10.2	9.2	7.5	5.5	5.2	5.8	5.7	6.6	8.0				
Albany, N. Y.....	5.8	5.2	5.6	5.4	5.5	5.9	5.8	6.9	7.6	8.0	8.5	8.8	8.7	9.0	8.4	8.1	7.5	6.5	5.9	6.1	6.3	6.1	6.8	6.8				
Alpena, Mich.....	6.7	7.3	7.4	7.4	7.2	6.8	7.4	7.2	8.2	8.9	8.6	10.2	11.7	12.6	12.5	12.8	12.3	11.2	9.4	8.9	8.2	8.1	7.9	9.0				
Amarillo, Tex.....																												
Atlanta, Ga.....	9.8	9.7	9.5	9.2	9.0	9.3	9.4	9.5	9.4	9.7	10.0	10.2	10.2	10.0	10.3	10.1	9.8	8.9	8.5	9.6	9.6	10.2	10.0	9.7				
Atlantic City, N. J....	9.7	9.4	9.0	9.2	9.6	9.7	10.0	11.0	12.1	11.8	12.0	11.5	11.9	12.0	12.1	11.6	10.5	10.1	9.8	10.7	10.8	10.5	10.5	10.6				
Augusta, Ga.....	4.3	4.3	4.2	4.1	4.7	4.3	4.4	5.3	6.3	6.7	7.2	7.8	8.0	7.5	7.6	7.3	6.6	5.9	4.7	4.2	4.4	4.6	4.5	4.5	5.6			
Baker City, Oreg....	5.6	6.1	6.2	6.1	6.2	5.8	5.3	5.4	5.4	4.7	5.0	4.5	4.2	4.4	4.9	6.1	6.3	6.8	6.0	4.7	3.6	3.7	4.8	5.2	5.3			
Baltimore, Md.....	8.9	3.9	3.7	4.2	4.1	4.1	4.5	4.7	5.2	5.8	6.4	5.9	6.1	6.1	6.4	5.6	4.4	3.9	4.2	4.3	3.9	3.7	4.8	4.8	5.6			
Bismarck, N. Dak....	6.0	6.4	6.6	6.9	7.2	6.9	7.8	7.6	7.7	8.8	9.7	11.1	11.3	11.0	11.1	11.1	10.1	7.5	6.7	7.0	6.1	5.8	5.6	8.1				
Block Island, R. I....	19.2	19.4	19.2	19.0	19.1	19.5	19.7	20.8	19.9	19.7	19.0	17.8	18.8	19.5	19.2	18.7	19.1	19.4	18.5	18.6	19.1	18.6	19.2	19.2	19.2			
Boise, Idaho.....	3.2	3.7	3.6	3.8	4.2	4.0	3.8	3.6	3.1	3.6	4.0	5.3	5.5	5.5	5.4	5.0	4.6	3.8	3.2	3.1	3.3	3.7	4.1					
Boston, Mass.....	9.6	10.0	10.3	10.0	10.1	10.2	10.6	10.8	11.2	11.5	11.5	11.7	11.3	11.4	11.1	10.5	10.1	9.6	9.4	9.7	9.7	9.2	10.5					
Buffalo, N. Y.....	10.5	10.2	9.9	10.3	10.5	10.8	10.2	10.8	10.6	11.3	11.4	11.5	11.9	11.7	12.1	11.9	11.2	11.6	11.6	11.9	11.9	11.3	11.1					
Cairo, Ill.....	5.3	5.0	5.2	5.6	5.5	5.4	5.3	5.6	6.5	7.4	7.8	8.7	8.9	9.2	9.2	8.7	6.8	6.0	6.0	5.3	5.1	5.4	6.4	6.4				
Cape Henry, Va.....	12.6	12.4	13.0	13.1	13.6	13.2	14.0	14.0	14.3	15.1	15.1	14.8	14.5	14.1	13.9	13.5	13.1	12.3	12.0	12.8	12.3	12.7	12.6	12.5	13.4			
Carson City, Nev....	7.3	6.9	6.7	6.3	5.8	5.6	6.3	6.5	6.7	6.5	6.5	7.0	7.1	7.6	8.1	9.8	10.1	9.4	9.8	10.6	9.4	9.2	7.3	7.8				
Cedar City, Utah....	6.9	6.6	6.7	6.8	6.4	6.0	5.9	5.9	5.8	5.8	5.0	6.4	7.5	7.7	8.6	8.8	9.1	8.6	8.5	7.8	7.5	6.9	6.2	6.9				
Charleston, S. C....	10.0	9.7	10.8	11.1	11.1	10.9	10.7	12.1	12.0	12.6	13.7	13.5	14.0	14.9	14.5	14.1	13.2	11.9	10.9	11.2	11.1	10.7	10.4	10.5	11.9			
Charlotte, N. C....	5.5	5.8	5.6	5.7	5.8	5.9	6.1	6.2	7.0	7.5	8.2	7.5	7.3	6.9	6.6	6.2	5.6	4.6	4.8	5.1	5.3	5.7	6.0					
Chattanooga, Tenn....	4.5	4.0	4.0	4.0	4.0	4.0	3.5	4.2	4.8	6.0	6.8	7.8	8.2	9.0	8.5	8.3	7.7	7.0	5.7	4.4	4.6	4.0	4.3	4.2	5.6			
Cheyenne, Wyo....	8.0	8.4	9.0	8.7	8.9	8.9	8.0	8.1	7.9	9.2	11.3	12.7	14.8	14.8	15.5	14.9	14.3	13.4	11.5	8.8	8.6	9.2	8.4	10.5				
Chicago, Ill.....	15.4	15.6	14.9	14.8	15.1	14.4	14.9	14.7	14.5	14.4	14.4	14.5	14.6	14.0	16.0	16.1	15.5	15.2	14.9	15.0	14.9	16.1	16.0	16.2	15.2			
Cincinnati, Ohio....	4.0	3.5	3.3	3.2	3.4	3.2	3.5	3.6	4.3	5.2	6.0	6.0	7.3	7.2	7.6	7.2	6.6	5.7	5.9	4.8	4.6	4.3	5.1					
Cleveland, Ohio....	13.2	13.2	13.5	13.9	13.8	13.8	13.3	13.0	13.0	12.4	12.1	11.9	12.0	12.2	11.8	12.2	11.7	10.6	10.3	11.3	11.9	12.5	13.5	14.0	12.5			
Columbia, Mo.....	5.6	5.5	5.5	5.3	5.3	5.3	5.9	6.0	6.0	6.0	6.8	6.9	7.5	7.6	7.6	7.6	7.0	6.1	5.3	5.7	6.0	6.4	6.4	6.3				
Columbus, Ohio....	4.9	4.9	4.5	4.8	4.8	5.2	4.8	4.9	5.5	5.8	6.7	7.0	7.4	7.5	7.8	7.7	7.3	6.1	5.8	6.0	6.5	6.5	5.7	6.0				
Concordia, Kans....	8.5	7.7	7.3	7.2	7.5	6.6	6.5	6.4	6.7	8.1	10.2	10.3	10.0	10.6	10.4	9.4	7.2	6.7	7.9	8.3	8.7	8.5	8.3					
Corpus Christi, Tex....	11.0	10.3	9.9	9.3	8.4	8.4	7.7	8.0	8.0	7.6	8.6	8.9	10.0	12.4	12.7	13.7	14.2	13.6	12.5	11.5	11.4	11.8	11.2	10.5				
Davenport, Iowa....	4.5	4.8	4.9	4.6	4.9	4.3	4.7	4.9	5.7	6.4	6.6	7.6	8.7	8.6	8.7	8.8	7.9	6.8	4.7	5.4	5.1	5.0	5.3	6.0				
Denver, Colo.....	8.1	6.9	6.4	6.7	6.3	6.9	7.1	7.0	6.9	7.2	6.4	6.0	6.9	8.7	9.8	9.8	10.9	10.9	10.2	8.8	7.6	7.0	7.2	7.8				
Des Moines, Iowa....	6.4	6.2	6.0	5.8	5.5	5.4	5.6	5.5	5.8	7.4	9.0	9.5	11.0	11.8	11.4	10.9	10.7	8.8	7.2	6.7	6.8	6.5	6.3	7.6				
Detroit, Mich.....	7.3	7.1	6.8	6.8	7.0	7.0	6.7	6.8	7.5	8.1	8.6	9.3	9.6	9.7	9.5	9.1	8.2	7.3	7.7	7.6	7.7	8.4	7.9	7.9				
Dodge, Kans....	10.1	10.0	10.3	9.5	9.0	8.9	9.2	9.8	9.0	11.2	14.0	14.9	15.3	15.6	16.1	16.0	15.0	11.9	9.6	10.7	10.1	10.3	11.7	11.7				
Dubuque, Iowa....	6.1	6.0	5.7	5.8	5.1	5.2	4.8	5.1	6.0	6.8	7.7	8.3	8.4	8.9	9.0	8.7	8.1	6.7	5.0	4.9	5.1	5.2	5.9	6.4				
Duluth, Minn....	9.8	8.3	8.0	8.8	9.2	8.8	9.0	9.2	9.5	10.0	11.5	11.6	12.1	12.7	13.2	12.8	11.7	11.6	10.7	9.7	9.9	9.3	8.6	10.4				
Eastport, Me....	9.7	9.9	9.8	9.6	10.0	10.0	10.0	10.0	10.8	10.6	10.1	10.9	10.6	10.5	10.3	10.3	10.3	9.7	9.5	9.3	9.6	9.9	10.0	9.1	10.0			
Elkins, W. Va....	1.5	1.5	1.4	1.2	1.3	1.5	1.5	1.6	1.8	3.1	3.5	4.4	5.4	5.8	6.1	5.4	5.1	3.6	3.1	2.5	2.0	2.0	2.9					
El Paso, Tex....	8.4	8.5	8.4	8.7	8.4	8.4	8.4	8.4	8.0	8.3	8.5	8.8	9.8	10.3	10.4	12.0	12.8	13.2	12.5	10.6	9.2	8.8	8.5	9.6				
Erie, Pa.....	10.1	10.4	10.0	10.1	9.9	9.8	9.6	9.3	9.5	9.5	9.7	10.3	11.5	11.1	11.4	10.8	10.1	9.0	9.7	10.0	10.2	10.0	11.1	10.7	9.6			
Escooba, Mich....	7.7	7.8	8.5	8.3	7.9	7.7	7.8	8.1	8.4	8.7	9.7	10.3	10.8	10.5	11.2	10.8	11.4	10.7	10.2	9.7	9.6	9.0	8.8	9.3				
Eureka, Cal....	5.9	4.8	5.1	5.6	6.0	5.2	4.5	4.2	4.0	4.4	4.1	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6		
Evansville, Ind....	4.0	4.8	4.8	4.1	4.8	4.4	4.7	4.4	4.4	4.4	4.4	5.7	6.6	7.4	7.7	7.8	7.7	7.2	5.8	4.0	4.9	5.0	5.1	4.5	5.5			
Fort Smith, Ark....	6.2	6.1	6.6	6.4	6.3	5.6	5.8	6.4	6.3	6.5	7.0	6.9	6.9	6.8	7.3	7.7	7.7	7.0	7.3	7.7	7.3	6.7	6.4	6.7	6.7			
Fort Worth, Tex....	9.7	8.5	8.0	7.6	7.4	7.3	6.8	6.3	6.6	8.4	9.7	10.8	11.5	11.1	11.4	10.8	10.1	9.0	9.7	10.0	10.2	10.0	10.0	10.0	10.0			
Fresno, Cal....	3.7	3.7	3.7	3.2	3.3	3.5	3.6	3.6	3.6	3.8	4.3	4.6	4.6	4.5	4.5	4.5	4.7	4.5	4.5	3.9	4.0	3.9	4.0	4.0				
Galveston, Tex....	6.6	6.3	6.6	6.6	6.8	6.8	6.9	7.3	7.6	7.8	8.1	8.3	8.2	8.4	8.4	8.2	7.9	7.7	6.5	6.2	6.0	5.8	6.0	7.3				
Grand Haven, Mich....																												

TABLE V.—Average wind movement, etc.—Continued.

Stations.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	Midnight.	Mean.
New York, N. Y.	12.4	12.3	12.0	11.6	11.3	10.5	10.4	11.1	11.9	11.6	11.9	12.5	12.3	13.4	14.0	13.5	13.7	14.8	15.2	14.6	13.5	12.4	12.9		
Norfolk, Va.	7.2	7.4	7.1	7.6	7.8	7.7	7.4	8.2	9.3	10.1	10.1	10.4	10.3	10.1	10.2	9.6	8.5	8.3	7.5	7.5	7.6	7.3	8.6		
Northfield, Vt.	6.5	6.3	6.6	6.7	6.6	6.7	6.4	7.1	7.5	8.5	9.4	9.6	10.2	11.4	11.0	9.6	8.3	8.5	8.5	8.3	8.3	7.6	8.2		
North Platte, Nebr.	8.1	7.2	6.5	7.2	7.3	6.5	6.4	6.8	6.2	6.9	7.7	7.6	9.4	10.5	10.9	11.5	10.5	9.2	8.2	7.8	8.5	8.9	8.2		
Oklahoma, Okla.	7.9	8.4	8.1	8.0	8.0	8.1	7.9	8.0	8.5	9.6	11.4	12.4	12.7	12.8	11.8	11.5	10.5	8.2	7.0	8.2	8.0	7.4	7.1	9.4	
Omaha, Nebr.	7.6	7.1	6.5	6.5	6.3	6.3	6.4	6.8	7.4	8.7	9.4	10.1	9.8	9.8	9.4	9.4	8.5	8.0	7.5	7.9	7.7	7.5	7.5	7.8	
Oswego, N. Y.	9.5	9.4	9.3	9.5	9.1	8.9	9.5	9.6	9.8	10.3	10.6	10.3	10.8	10.9	10.5	9.5	8.8	8.6	8.8	9.5	10.0	9.9	9.8	9.6	
Palestine, Tex.	5.8	5.9	5.9	5.6	5.5	5.2	5.0	4.4	4.6	5.4	6.5	6.6	7.3	7.5	7.8	7.9	7.6	7.0	5.5	5.1	5.5	5.5	5.8	6.0	
Parkersburg, W. Va.	2.9	2.7	2.5	2.6	2.4	2.1	1.8	2.1	2.9	4.0	4.7	5.4	6.1	6.6	6.8	6.2	4.8	3.9	4.0	4.2	4.1	3.6	3.3	4.0	
Pensacola, Fla.	9.0	9.2	8.9	9.0	9.1	9.0	9.5	10.3	9.9	10.4	10.4	10.5	10.0	10.2	10.5	9.4	8.9	8.1	8.3	8.9	9.3	9.4	9.4		
Phoenix, Ariz.	2.8	3.0	3.0	2.9	3.2	2.9	3.5	3.7	3.3	3.4	4.4	5.4	5.4	5.3	5.3	4.9	4.6	4.3	3.2	3.3	3.0	2.9	3.0	3.8	
Philadelphia, Pa.	8.4	8.0	8.0	8.2	8.0	8.1	8.5	9.0	9.5	9.4	9.9	9.6	10.1	9.9	9.9	9.5	8.6	9.4	8.8	8.5	8.7	8.6	9.0		
Pierre, S. Dak.	8.5	7.9	6.8	7.0	7.3	7.2	7.8	7.8	7.4	8.3	9.2	10.2	10.7	11.1	12.0	12.5	12.3	11.0	8.9	8.5	8.4	9.0	7.6	9.0	
Pittsburg, Pa.	3.5	3.6	3.4	3.2	3.3	3.6	3.6	3.6	4.3	4.8	5.3	5.7	6.4	6.5	6.9	6.7	6.5	6.3	5.6	5.1	4.4	3.9	3.6	4.8	
Pocatello, Idaho	13.2	12.9	13.3	12.8	11.8	11.6	11.3	11.9	11.6	11.0	12.3	11.2	11.1	11.5	12.2	12.1	11.9	11.4	10.2	10.1	11.0	11.9	12.6	11.8	
Point Reyes Lt., Cal.	19.0	18.2	18.2	17.5	17.2	16.6	16.9	16.8	15.8	15.8	15.2	13.1	13.1	13.6	14.0	14.8	16.1	17.3	19.4	20.3	20.3	20.4	20.2	19.7	17.1
Port Crescent, Wash.	2.6	2.7	2.5	2.9	3.3	3.1	2.9	2.9	2.6	2.8	3.6	4.9	5.2	4.7	4.0	3.7	3.0	2.8	3.1	2.6	3.4	2.6	3.4	2.6	
Port Huron, Mich.	8.1	8.0	7.9	8.4	8.1	8.3	8.9	8.4	9.1	9.6	10.7	11.3	11.5	10.9	10.7	9.5	8.3	8.8	9.2	9.0	9.3	9.1	8.7	9.2	
Portland, Me.	6.2	5.8	5.9	6.2	6.5	6.5	6.5	6.8	7.3	7.4	7.7	7.9	7.9	8.2	8.2	7.0	7.5	6.9	6.9	7.1	6.0	6.8	6.4	7.0	
Portland, Oreg.	7.8	8.0	8.7	8.6	8.5	8.7	8.8	9.3	9.4	8.8	8.8	10.3	10.7	11.3	11.5	11.8	11.0	11.2	9.6	9.3	8.7	8.1	9.5		
Pueblo, Colo.	6.5	5.5	4.9	4.9	5.4	5.2	4.2	4.2	4.0	4.0	4.8	6.3	5.9	5.7	5.5	6.7	7.3	8.3	7.5	5.6	5.5	5.4	5.8	5.7	
Raleigh, N. C.	4.6	4.5	4.9	5.1	4.7	4.5	4.7	4.5	5.0	5.5	6.6	7.0	7.3	7.3	6.9	7.3	6.6	4.9	4.6	4.7	4.7	4.5	4.7	5.4	
Rapid City, S. Dak.	6.3	6.4	6.9	7.0	7.1	7.5	7.5	8.3	8.4	7.7	8.0	8.3	9.6	11.2	10.8	10.7	10.8	10.5	7.8	6.3	6.1	6.0	6.4	6.0	
Red Bluff, Cal.	6.2	6.8	6.6	5.9	5.8	5.8	6.4	6.1	6.3	6.5	7.4	8.4	8.4	8.0	7.9	7.4	6.8	6.2	5.6	5.2	6.2	6.6	6.6		
Richmond, Va.	3.7	3.7	3.7	3.7	3.8	3.7	3.7	4.3	4.8	5.4	5.3	5.6	5.1	5.2	4.9	3.7	3.5	3.2	3.8	3.9	3.6	3.8	4.2		
Rochester, N. Y.	5.6	5.6	5.9	6.3	5.8	5.9	5.6	6.3	6.9	7.3	7.5	7.5	7.9	7.5	8.0	7.9	7.0	5.9	5.4	5.7	5.7	6.0	6.2	6.5	
Roseburg, Oreg.	2.5	2.5	2.1	2.2	2.5	2.4	1.9	2.2	2.1	2.6	2.9	2.9	3.7	4.2	4.7	5.2	6.1	6.2	6.1	5.6	3.9	2.6	2.7	3.4	
Sacramento, Cal.	8.0	7.4	7.2	8.0	7.7	7.1	6.8	7.0	7.0	7.3	7.0	6.7	8.3	9.0	9.5	9.3	8.9	8.6	8.1	7.2	7.4	7.5	7.7		
St. Louis, Mo.	6.4	6.7	6.3	6.4	5.7	5.5	5.6	6.0	6.4	6.9	7.7	8.2	8.3	8.7	8.8	9.2	8.8	8.2	7.6	7.4	6.8	7.5	7.8		
St. Paul, Minn.	6.6	7.0	6.9	7.1	6.8	6.6	6.5	6.9	7.3	8.6	9.3	10.3	10.5	11.0	10.3	9.9	8.9	8.1	8.0	8.3	7.6	7.2	8.1		
Salt Lake City, Utah.	5.3	4.9	5.4	5.2	5.4	5.3	4.9	5.5	5.3	5.2	4.9	5.6	7.3	8.5	9.2	9.4	9.9	10.4	10.2	7.4	5.5	4.9	5.1	6.5	
San Antonio, Tex.	4.6	4.2	4.4	4.2	3.0	3.8	3.5	3.6	3.5	4.8	6.1	6.7	6.8	7.8	7.3	7.1	6.8	6.6	5.5	5.8	6.1	5.9	5.1	5.4	
San Diego, Cal.	2.8	3.2	3.1	2.8	2.8	3.1	3.3	3.0	3.4	3.6	3.4	3.9	5.5	7.2	9.0	10.3	10.4	9.9	8.7	7.5	6.0	4.2	3.1	5.1	
Sandusky, Ohio.	5.5	5.5	5.8	5.4	5.6	5.5	5.5	5.6	6.0	6.4	6.9	7.7	8.2	8.7	8.8	9.2	8.8	8.2	7.6	7.4	6.8	7.5	7.8		
San Francisco, Cal.	7.6	7.8	7.2	6.7	6.1	5.9	5.8	6.2	6.1	6.4	7.6	8.0	8.5	9.1	9.5	11.2	12.4	13.5	13.9	15.1	13.3	12.1	9.7	9.1	
San Luis Obispo, Cal.	3.1	8.4	8.4	4.1	4.1	3.8	4.3	3.8	4.5	4.2	4.1	5.0	5.9	6.0	7.1	7.9	8.8	9.2	7.8	6.7	5.6	4.5	3.2	5.1	
Santa Fe, N. Mex.	5.2	5.1	4.5	8.7	8.4	3.4	3.5	8.8	4.2	4.0	5.4	6.3	7.1	8.4	8.4	8.1	8.3	8.5	7.2	5.3	4.4	6.2	5.7		
Sault Ste. Marie, Mich.	6.1	6.1	5.9	6.2	5.9	6.0	6.2	6.1	6.3	7.2	8.4	8.5	9.6	10.1	10.2	10.1	9.6	8.6	8.0	7.4	6.9	6.6	6.5		
Savannah, Ga.	5.2	5.3	5.5	5.3	5.5	5.5	5.6	6.2	6.2	7.2	8.0	9.2	10.0	10.6	9.7	9.7	9.2	8.9	8.6	8.1	5.5	5.3	5.6		
Seattle, Wash.	5.3	5.3	5.2	5.7	5.5	5.2	5.7	5.9	6.0	6.2	6.3	6.5	7.2	7.6	7.8	7.6	7.6	8.2	8.5	7.6	7.3	7.5	6.3	6.6	
Shreveport, La.	4.9	5.2	4.9	4.4	4.4	4.7	4.5	4.3	4.9	6.2	5.7	6.4	6.8	6.8	6.4	6.6	6.4	6.6	5.5	5.5	4.9	5.5	5.5		
Sioux City, Iowa.	12.1	12.0	10.8	9.7	10.0	9.7	10.4	10.8	11.2	13.1	14.3	15.4	15.8	17.0	17.9	16.8	15.3	14.2	13.6	13.0	12.9	12.2	12.1	12.9	
Spokane, Wash.	5.1	5.6	6.0	5.8	5.9	5.5	5.7	5.9	6.3	6.5	7.4	8.2	8.5	8.5	8.4	8.5	8.1	7.5	7.0	6.0	5.5	5.0	5.2	6.6	
Springfield, Ill.	6.9	7.0	6.6	6.6	6.4	6.4	6.3	6.5	7.0	7.7	8.5	9.0	9.6	9.9	9.6	9.1	7.7	6.7	6.8	6.7	7.2	7.6			
Springfield, Mo.	8.7	8.7	9.0	8.8	8.7	8.7	7.9	7.8	8.6	9.3	9.4	9.5	9.6	9.7	9.2	8.8	8.4	9.1	9.5	9.7	9.2	9.0	9.0		
Tacoma, Wash.	4.7	4.9	4.7	4.6	4.9	4.8	5.0	6.2	7.6	8.5	9.2	9.6	10.9	11.6	11.9	12.6	12.4	12.4	11.2	9.0	7.8	7.1	6.9	9.3	
Tampa, Fla.	4.7	6.9	6.4	6.4	6.3	6.5	6.6	7.3	7.9	8.5	9.3	9.9	10.1	10.8	10.3	9.2	7.5	6.7	6.9	7.0	6.8	7.7	8.1	7.8	
Toledo, Ohio.	7.9	8.3	8.3	7.7	7.6	7.3	7.5	7.9	7.7	8.2	10.4	11.5	11.5	12.6	12.7	11.5	11.5	9.7	8.8	7.9	8.1	8.0	7.5		
Valentine, Nebr.	7.9	7.2	6.7	7.6	7.3	7.5	7.5	7.9	7.7	8.2	10.4	11.5	11.5	12.6	12.7	11.5	11.5	9.7	8.8	7.9	8.1	8.2	4.7		
Vicksburg, Miss.	4.4	4.4	4.5	4.1	4.1	4.0	4.4	4.7	5.0	5.0	5.5	5.1	5.4	5.8	5.5	5.5	4.8	4.2	4.0	3.9	4.3	4.8	4.7		
Walla Walla, Wash.	5.4	5.8	5.9	6.2	5.8	6.2	5.5	5.5	5.9	6.2	6.2	6.5	7.0	7.3	7.4	7.2	6.8	6.2	6.1	5.4	5.9	5.5	5.7		
Washington, D. C.	4.3	4.1	4.1	4.0	4.8																				

TABLE VI.—Resultant winds from observations at 8 a. m. and 8 p. m., daily, during the month of October, 1900.

Stations.	Component direction from—				Resultant.		Stations.	Component direction from—				Resultant.	
	N.	S.	E.	W.	Direction from—	Duration.		N.	S.	E.	W.	Direction from—	Duration.
<i>New England.</i>					°	Hours.						°	Hours.
Eastport, Me.	22	13	14	13	n. 6 e.	9	Upper Mississippi Valley.—Con'd.	Hours.	Hours.	Hours.	Hours.	s. 31 e.	12
Portland, Me.	28	14	15	24	n. 33 w.	17	Lacrosse, Wis. f.	7	17	11	5	s. 31 e.	31
Northfield, Vt.	29	39	3	5	s. 2 w.	19	Davenport, Iowa	5	32	27	11	s. 31 e.	31
Boston, Mass.	28	15	14	21	n. 25 w.	15	Des Moines, Iowa	12	34	12	17	s. 13 w.	28
Nantucket, Mass.	23	9	21	22	n. 60 w.	30	Dubuque, Iowa	7	36	21	12	s. 17 e.	30
Block Island, R. I.	22	12	25	21	n. 32 e.	11	Keokuk, Iowa	5	37	19	13	s. 11 e.	33
New Haven, Conn.	32	11	15	18	s. 8 w.	21	Cairo, Ill.	23	23	21	9	e.	12
<i>Middle Atlantic States.</i>							Springfield, Ill.	10	35	21	9	s. 26 e.	28
Albany, N. Y.	24	30	4	12	s. 53 w.	10	Hannibal, Mo. t.	4	16	8	9	s. 5 w.	12
Binghamton, N. Y. t.	13	9	5	9	n. 45 w.	6	St. Louis, Mo.	20	30	15	5	s. 45 e.	14
New York, N. Y.	21	17	19	18	n. 14 e.	4	<i>Missouri Valley.</i>						
Harrisburg, Pa. t.	10	7	12	8	n. 53 e.	5	Columbia, Mo. *	2	14	13	7	s. 27 e.	13
Philadelphia, Pa.	25	13	20	18	n. 9 e.	12	Kansas City, Mo.	10	36	24	8	s. 32 e.	30
Scranton, Pa.	25	16	21	16	n. 29 e.	10	Springfield, Mo.	13	32	25	5	s. 46 e.	28
Atlantic City, N. J.	21	14	15	19	n. 30 w.	8	Lincoln, Nebr.	15	32	31	6	s. 56 e.	30
Cape May, N. J.	24	16	17	16	n. 7 e.	8	Omaha, Nebr.	11	32	25	6	s. 42 e.	28
Baltimore, Md.	23	13	26	12	n. 54 e.	17	Valentine, Nebr.	24	19	7	26	u. 75 w.	20
Washington, D. C.	23	14	23	15	n. 42 e.	12	Sioux City, Iowa f.	5	17	15	4	s. 43 e.	16
Lynchburg, Va.	23	13	25	13	n. 50 e.	16	Pierre, S. Dak.	28	14	22	16	n. 23 e.	15
Norfolk, Va.	26	13	28	8	n. 57 e.	24	Huron, S. Dak.	19	19	21	18	e.	3
Richmond, Va.	27	21	18	9	n. 56 e.	11	Yankton, S. Dak. t.	5	10	9	11	s. 22 w.	5
<i>South Atlantic States.</i>							<i>Northern Slope.</i>						
Charlotte, N. C.	31	12	33	4	n. 57 e.	35	Havre, Mont.	13	22	10	35	s. 70 w.	27
Hatteras, N. C.	35	9	26	9	n. 33 e.	31	Miles City, Mont.	23	19	16	20	n. 45 w.	6
Raleigh, N. C.	26	12	18	11	n. 27 e.	16	Helena, Mont.	11	28	4	38	s. 63 w.	33
Wilmington, N. C.	33	9	26	9	n. 35 e.	29	Kalispell, Mont.	17	20	10	33	s. 83 w.	33
Charleston, S. C.	34	7	34	2	n. 50 e.	42	Rapid City, S. Dak.	25	12	12	26	u. 47 w.	19
Augusta, Ga.	28	10	37	3	n. 62 e.	38	Cheyenne, Wyo.	27	14	4	32	n. 65 w.	31
Savannah, Ga.	35	9	28	2	n. 45 e.	37	Lander, Wyo.	13	29	10	30	s. 51 w.	26
Jacksonville, Fla.	33	9	34	1	n. 51 e.	31	North Platte, Nebr.	15	18	13	27	s. 78 w.	14
<i>Florida Peninsula.</i>							<i>Middle Slope.</i>						
Jupiter, Fla.	24	6	41	5	n. 63 e.	40	Denver, Colo.	16	30	13	16	s. 12 w.	14
Key West, Fla.	27	11	31	7	n. 56 e.	29	Pueblo, Colo.	18	13	20	22	n. 22 w.	5
Tampa, Fla.	36	2	29	6	n. 34 e.	41	Concordia, Kans.	14	38	7	9	s. 5 w.	24
<i>Eastern Gulf States.</i>							Dodge, Kans.	14	33	13	11	s. 2 e.	19
Atlanta, Ga.	20	9	39	8	n. 70 e.	33	Wichita, Kans.	12	44	9	4	s. 9 e.	32
Macon, Ga. t.	19	2	13	3	n. 30 e.	30	Oklahoma, Okla.	17	33	19	6	s. 39 e.	21
Pensacola, Fla. t.	17	4	15	2	n. 45 e.	18	Abilene, Tex.	12	33	25	9	s. 37 e.	36
Mobile, Ala.	38	10	16	6	n. 20 e.	30	Amarillo, Tex.	9	40	15	15	s.	31
Montgomery, Ala.	28	4	40	2	n. 58 e.	45	<i>Southern Plateau.</i>						
Meridian, Miss. t.	15	7	12	2	n. 51 e.	13	El Paso, Tex.	19	9	22	27	n. 24 w.	11
Vicksburg, Miss.	23	15	33	4	n. 73 e.	30	Santa Fe, N. Mex.	20	23	27	9	s. 81 e.	18
New Orleans, La.	31	10	30	9	n. 45 e.	33	Flagstaff, Ariz.	18	19	16	24	s. 83 w.	8
<i>Western Gulf States.</i>							Phoenix, Ariz.	13	8	9	19	n. 63 w.	11
Shreveport, La.	23	18	26	2	n. 70 e.	15	Yuma, Ariz. t.	17	9	14	12	n. 14 e.	8
Fort Smith, Ark.	21	8	36	6	n. 67 e.	33	Independence, Cal.	21	22	16	25	s. 84 w.	9
Little Rock, Ark.	22	19	18	15	n. 45 e.	4	<i>Middle Plateau.</i>						
Corpus Christi, Tex.	13	21	31	12	s. 65 e.	21	Carson City, Nev.	11	26	9	32	s. 57 w.	28
Fort Worth, Tex. t.	7	14	7	9	s. 16 w.	7	Winnemucca, Nev.	20	19	14	20	n. 80 w.	6
Galveston, Tex.	20	14	34	8	n. 77 e.	27	Cedar City, Utah.	15	24	15	11	s. 21 e.	10
Palestine, Tex.	21	24	20	9	s. 75 e.	11	Salt Lake City, Utah.	15	29	17	16	s. 4 e.	14
San Antonio, Tex.	23	17	31	7	n. 76 e.	25	Grand Junction, Colo.	20	21	20	19	s. 45 e.	1
<i>Ohio Valley and Tennessee.</i>							<i>Northern Plateau.</i>						
Chattanooga, Tenn.	25	18	19	18	n. 8 e.	7	Baker City, Oreg.	10	41	9	15	s. 11 w.	32
Knoxville, Tenn.	34	9	24	10	n. 29 e.	29	Boise, Idaho.	19	16	19	24	n. 59 w.	6
Memphis, Tenn.	21	17	22	10	n. 73 e.	13	Lewiston, Idaho t.	3	8	18	4	s. 70 e.	15
Nashville, Tenn.	25	16	20	15	n. 29 e.	16	Pocatello, Idaho.	6	32	9	20	s. 39 w.	33
Lexington, Ky. t.	6	15	16	3	s. 55 e.	16	Spokane, Wash.	18	28	21	9	s. 50 e.	16
Louisville, Ky.	26	24	15	11	n. 61 e.	4	Walla Walla, Wash.	5	39	13	15	s. 3 w.	34
Evansville, Ind. t.	11	10	16	2	n. 86 e.	14	<i>North Pacific Coast Region.</i>						
Indianapolis, Ind.	21	23	19	12	s. 82 e.	7	Neah Bay, Wash.	5	13	25	27	s. 14 w.	8
Cincinnati, Ohio.	16	23	31	9	s. 73 e.	23	Port Crescent, Wash. *	1	8	13	10	s. 23 e.	8
Columbus, Ohio.	18	23	27	11	s. 73 e.	16	Seattle, Wash.	11	41	20	13	s. 13 e.	31
Pittsburg, Pa.	23	17	22	14	n. 53 e.	10	Tacoma, Wash.	12	31	5	31	s. 54 w.	32
Parkersburg, W. Va.	18	24	23	10	n. 65 e.	14	Astoria, Oreg.	9	29	23	24	s. 3 w.	20
Elkins, W. Va.	26	20	16	15	n. 9 e.	6	Portland, Oreg.	13	34	7	24	s. 39 w.	17
<i>Lower Lake Region.</i>							Roseburg, Oreg.	18	19	17	21	s. 76 w.	4
Buffalo, N. Y.	10	24	18	23	s. 16 w.	15	<i>Middle Pacific Coast Region.</i>						
Oswego, N. Y.	10	32	26	8	s. 39 e.	29	Eureka, Cal.	19	24	17	21	s. 34 w.	7
Rochester, N. Y.	13	27	16	26	s. 36 w.	17	Mount Tamalpais, Cal.	20	14	6	34	n. 78 w.	29
Erie, Pa.	7	31	16	15	s. 2 e.	24	Red Bluff, Cal.	23	18	16	10	n. 22 e.	16
Cleveland, Ohio.	12	34	25	8	s. 38 e.	28	Sacramento, Cal.	21	30	17	11	s. 34 e.	11
Sandusky, Ohio.	14	29	17	20	n. 11 w.	15	San Francisco, Cal.	5	14	4	45	s. 78 w.	42
Toledo, Ohio.	15	26	19	15	s. 20 e.	12	<i>South Pacific Coast Region.</i>						
Detroit, Mich.	18	23	18	17	s. 11 e.	5	Fresno, Cal.	31	9	8	34	n. 50 w.	34
<i>Upper Lake Region.</i>							Los Angeles, Cal.	19	6	11	33	n. 60 w.	26
Alpena, Mich.	11	32	13	18	s. 13 w.	22	San Diego, Cal.	27	7	12	30	n. 42 w.	27
Escanaba, Mich.	9	36	12	15	s. 6 w.	20	San Luis Obispo, Cal.	20	16	5	23	n. 77 w.	18
Grand Haven, Mich.	12	27	26	12	s. 43 e.	20	<i>West Indies.</i>						
Houghton, Mich. t.	2	12	16	5	s. 38 e.	20	Basseterre, St. Kitts Island.	10	4	54	1	n. 84 e.	53
Marquette, Mich.	15	31	13	15	s. 7 w.	16	Bridge town, Barbados.	8	11	54	0	s. 87 e.	53
Port Huron, Mich.	15	28	16	16	s.	28	Cienfuegos, Cuba.	30	6	37	6	n. 52 e.	39
Sault Ste. Marie, Mich.	9	26	35	11	s. 52 e.	23	Havana, Cuba.	18	8	42	3	n. 76 e.	40
Chicago, Ill.	9	32	20	16	s. 10 e.	23	Kingston, Jamaica.	49	0	28	1	n. 29 e.	56
Milwaukee, Wis.	7	28	10	28	s. 41 w.	27	Port of Spain, Trinidad.	8	7	51	4	n. 89 e.	47
Green Bay, Wis.	10	35	20	9	s. 34 e.	22	Puerto Principe, Cuba.	25	7	34	8	n. 55 e.	32
Duluth, Minn.	30	8	28	17	n. 15 e.	23	Roseau, Dominica, W. I.	22	5	40	12	n. 59 e.	23
<i>North Dakota.</i>							San Juan, Porto Rico.	0	37	38	2	s. 44 e.	52
Moorhead, Minn.	26	21	18	14	n. 31 e.	6	Santiago de Cuba, Cuba.	16	30	26	8	s. 52 e.	23
Bismarck, N. Dak.	26	11	24	16	n. 28 e.	17	Santo Domingo, S. Domingo, W. I.	49	4	9	5	n. 4 e.	45
Williston, N. Dak.	21	20	10	21	n. 85 w.	11	Turks Island, W. I. t.	2	16	17	3	s. 45 e.	20
<i>Upper Mississippi Valley.</i>							Willemstad, Curacao.	3	7	58	0	s. 88 e.	58

\* From observations at 8 p. m. only

† From observations at 8 a. m. only.

‡ For 21½ days.

TABLE VII.—*Thunderstorms and auroras, October, 1900.*

States.	No. of stations.	Total.																																			
		No.	No.	Days																																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.					
Alabama.....	52	T.	1	2	6	7	1			2										1	2	1									4	27	10	T.			
Arizona.....	56	T.			1		1		3	3	2	3			2															0	0	A.					
Arkansas.....	57	T.			2	8		1											1	9		1	1					2	2	2	29	10	T.				
California....	167	T.	8	1	1				5							2				1	1										15	7	T.				
Colorado.....	81	T.	1		2	1								2	5	1			1			1	1					5	20	10	T.						
Connecticut....	21	T.					5								5														0	0	2	T.					
Delaware.....	5	T.					1			1																			2	0	0	A.					
Dist. of Columbia	4	T.																												0	0	0	T.				
Florida.....	47	T.	2	3	3	3	2	1	1	3	2	3	4	3						4	3							8	1	41	16	A.					
Georgia.....	55	T.	1	1	3	4	1	5	2		1	2	1						7	4	1	1							0	0	33	14	T.				
Idaho.....	34	T.	1													1	3	4	1	1									12	7	A.						
Illinois.....	92	T.	2			13	1									1				4									1	7	17	2	47	8	T.		
Indiana.....	58	T.	1	2	2	2									1	2				3								3	5	21	9	T.					
Indian Territory.	11	T.	1				1								3	1			1	7								6	1	4	3	28	10	A.			
Iowa.....	149	T.	15	10	8	7	7	13											4	1		1	16	26	4	22	11	145	0	0	A.						
Kansas.....	77	T.	5				6												3	5				5	2	18	8	47	0	0	A.						
Kentucky....	41	T.		1	1	2																	1	1	1	1	1	7	6	6	1	0	A.				
Louisiana....	46	T.	1		2	2	3	2										1	1	7	4	2					1	4	5	39	14	T.					
Maine.....	19	T.			7		2									1												10	0	3	0	T.					
Maryland....	48	T.		2	1	3	6							7	2													21	0	5	6	T.					
Massachusetts...	48	T.					8	1							1													5	3	0	0	A.					
Michigan.....	106	T.	1	4	2	2	2			1	1	1	1	3	1	1											2	4	8	2	3	1	35	18	A.		
Minnesota....	67	T.	8	16	16	15	15	15								1												1	4	18	10	1	8	2	125	14	T.
Mississippi....	41	T.		2	1	4	3			1								1	10	4	3	4	3				2	6	44	13	T.						
Missouri.....	95	T.	18			21	3													11	1							2	3	11	8	18	10	106	11	A.	
Montana.....	40	T.		2		4																						6	2	0	1	0	T.				
Nebraska....	142	T.	9	4	7	1	4										11			13	3	3						10	10	1	2	2	9	88	14	T.	
Nevada.....	40	T.			1													2										1		1	1	1	2	1	1	T.	
New Hampshire.	19	T.			1	4		6								6													0	0	4	0	A.				
New Jersey....	51	T.	1		2	1	16								7													27	0	5	0	A.					
New Mexico....	31	T.					1								5	1	1											1	5	1	1	1	16	8	A.		
New York.....	99	T.			7	2	2	3	1						10	1	1				2	2	5					40	12	T.							
North Carolina..	56	T.					5										4											1	2	0	1	1	1	1	1	T.	
North Dakota...	48	T.			1	1																						5	4	0	4	2	A.				
Ohio.....	128	T.		2	13	6	1								1	8				6	1	1	3	2			4	8	1	52	13	A.					
Oklahoma....	23	T.	1												5	1	1	4	3								9	12	6	43	10	A.					
Oregon.....	74	T.	2	1	2											2	1	1	2	2								1	1	1	15	10	A.				
Pennsylvania...	91	T.			5	3	3								5		1			1								1	1	19	7	0	A.				
Rhode Island...	7	T.				1																						1	0	1	0	T.					
South Carolina..	46	T.	2	5	5	3		1	5					5					1	1	3	10	3					44	12	A.							
South Dakota....	56	T.	4	3	1	1	3																				18	9	0	9	T.						
Tennessee....	56	T.	1	1	2	5			1	3										2								17	0	9	9	T.					
Texas....	95	T.				2										1	1	1	5	1	3	2	1	1	4	9	17	48	15	A.							
Utah.....	47	T.	1		4	1				2	1	2	2	1			2	1								3	1		21	12	T.						
Vermont....	16	T.	1		3										4												0	0	8	3	A.						
Virginia....	50	T.			3	1	6	5								1	1										17	0	6	0	A.						
Washington....	64	T.	1			1										1		1	4		1	1	1	1	1		12	0	9	9	T.						
West Virginia...	43	T.			4	3	1									7	3	1	1		1	1	1	1	1		8	3	0	A.							
Wisconsin....	60	T.	1	11	14	18	8	11	2						7	3	1	1		1	6	1			2	10	7	4	2	130	12	A.					
Wyoming....	31	T.			1										1	1			1							2		5	1	4	1	A.					
Sums .....	2,893	T.	72	61	66	63	91	140	67	70	5	5	18	20	14	13	42	57	6	13	13	31	74	57	26	15	12	34	84	64	129	76	1,533	10	T.		

TABLE VIII.—Average hourly sunshine (in percentages), October, 1900.

Stations.	Instrument.	Percentages for each hour of local mean time ending with the respective hour.														Hours of sunshine.				
		A. M.							P. M.							Total.				
		.5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	Actual.	Possible.	Percent of possible.
Albany, N. Y.	T.	0	9	18	38	50	57	62	66	61	59	47	30	22	16	10	155.8	347.8	46	41
Atlanta, Ga.	T.	0	26	38	45	50	53	61	64	65	63	53	35	16	10	171.5	350.9	49	36	
Atlantic City, N. J.	T.	0	33	37	41	50	52	55	61	61	54	41	27	25	10	159.7	346.0	46	41	
Baltimore, Md.	T.	0	29	32	38	48	56	54	52	51	46	41	27	28	10	148.6	346.0	43	39	
Binghamton, N. Y.	T.	40	23	19	24	40	51	51	50	45	33	30	38	39	10	126.6	342.5	37	32	
Bismarck, N. Dak.	P.	0	44	48	61	59	61	61	58	65	61	65	65	50	10	199.3	336.7	59	63	
Boise, Idaho	T.	0	47	48	57	56	63	57	60	54	58	49	44	43	10	183.4	340.5	54	47	
Boston, Mass.	T.	75	51	51	59	71	75	71	73	68	64	49	37	40	10	146.5	342.5	43	35	
Buffalo, N. Y.	T.	100	67	73	84	85	89	88	93	96	89	78	78	68	73	10	206.9	341.8	60	53
Cedar City, Utah	T.	0	31	38	48	53	56	63	62	65	56	47	26	19	10	286.7	347.3	83	64	
Charleston, S. C.	T.	33	16	26	51	63	27	76	71	61	57	57	45	34	10	170.3	351.5	48	50	
Chattanooga, Tenn.	T.	55	74	75	63	81	78	77	87	85	84	75	64	58	10	190.4	350.1	54	49	
Chicago, Ill.	T.	60	64	62	63	62	68	75	70	65	65	65	64	63	10	267.3	343.9	78	69	
Cincinnati, Ohio	T.	100	65	68	69	67	73	81	87	86	77	73	66	58	10	226.3	342.5	66	57	
Cleveland, Ohio	T.	100	50	54	59	69	72	75	77	71	66	63	52	51	10	254.3	346.0	73	61	
Columbia, Mo.	T.	100	69	69	78	83	82	81	78	78	77	69	65	66	10	220.0	342.5	64	55	
Columbus, Ohio	T.	100	51	52	59	74	70	72	70	74	64	62	63	57	10	259.6	346.0	75	55	
Denver, Colo.	T.	100	59	71	82	98	91	98	91	88	82	79	73	60	10	223.2	344.9	65	57	
Des Moines, Iowa	T.	0	46	44	52	64	62	66	66	59	59	58	48	40	10	280.0	344.9	81	70	
Detroit, Mich.	T.	0	38	41	63	73	70	77	77	65	55	38	20	18	10	195.7	342.5	57	51	
Dodge, Kans.	P.	0	54	65	70	75	81	83	78	84	79	81	71	67	10	259.1	347.3	75	65	
Dubuque, Iowa	T.	0	42	41	55	59	65	69	71	66	63	60	55	53	10	202.3	342.5	59	55	
Eastport, Me.	P.	0	15	24	30	38	40	45	54	50	55	47	39	29	10	185.9	339.8	40	37	
Elkins, W. Va.	T.	0	0	3	28	59	69	69	69	65	50	38	11	5	10	143.4	346.0	41	46	
Erie, Pa.	T.	40	24	26	45	63	70	75	70	72	70	52	39	36	10	189.5	342.5	55	55	
Escanaba, Mich.	T.	0	29	29	34	40	46	57	57	62	61	44	43	43	10	155.8	338.5	46	45	
Eureka, Cal.	P.	45	21	28	40	50	56	55	61	51	47	42	38	38	10	154.3	348.9	45	48	
Fresno, Cal.	T.	50	59	66	74	75	81	84	89	93	84	80	65	58	10	267.6	347.9	77	67	
Galveston, Tex.*	P.	100	73	68	76	79	80	79	78	78	84	78	75	85	10	268.0	346.0	77	61	
Grand Junction, Colo.	T.	0	39	40	46	51	58	60	63	60	52	50	41	38	10	174.7	344.9	51	44	
Harrisburg, Pa.	T.	0	34	40	60	61	55	62	67	68	60	56	53	53	10	196.2	336.7	58	45	
Helena, Mont.	T.	0	42	39	40	51	53	59	59	59	56	61	64	54	10	182.1	340.5	53	52	
Huron, S. Dak.	T.	100	53	52	56	69	74	80	78	68	64	56	66	67	10	229.1	344.9	66	57	
Indianapolis, Ind.	T.	18	31	32	33	45	45	53	51	50	50	38	35	35	10	149.5	354.7	42	33	
Jacksonville, Fla.	T.	12	22	43	52	57	60	59	51	60	50	30	16	7	10	155.7	357.1	44	34	
Jupiter, Fla.	T.	0	14	18	31	41	41	44	39	40	36	24	8	0	10	102.3	335.8	30	31	
Kalispell, Mont.	T.	0	51	49	59	62	60	58	62	60	55	51	69	60	10	200.5	346.0	58	62	
Kansas City, Mo.	T.	33	27	40	62	72	86	93	86	80	76	65	55	41	10	233.4	348.9	67	55	
Knoxville, Tenn.	T.	100	40	50	71	77	89	88	88	87	80	62	46	34	10	243.5	347.3	70	62	
Lexington, Ky.	T.	67	51	50	54	64	72	71	71	79	69	60	61	66	10	224.3	350.1	64	47	
Little Rock, Ark.	T.	33	49	53	59	67	71	75	80	82	87	83	84	71	10	254.3	350.9	72	61	
Los Angeles, Cal.	T.	100	54	52	59	71	79	81	74	66	64	58	48	54	10	222.5	347.3	64	64	
Louisville, Ky.	T.	33	41	43	45	51	65	67	76	80	73	74	65	39	20	212.1	351.5	60	48	
Macon, Ga.	T.	40	29	31	37	46	62	65	63	57	59	59	46	44	10	176.6	352.8	50	41	
Meridian, Miss.	T.	0	60	61	71	74	76	72	74	74	75	72	65	59	10	243.3	347.3	70	64	
Mount Tamalpais, Cal.	T.	0	60	61	71	74	76	72	74	74	75	72	65	59	10	258.7	348.9	74	46	
Nashville, Tenn.	T.	67	46	60	71	82	84	88	85	86	83	76	56	50	10	178.4	343.9	52	40	
New Haven, Conn.	T.	36	36	33	45	51	60	65	66	66	62	51	39	34	10	192.4	354.7	54	50	
New Orleans, La.	T.	50	49	49	63	74	62	66	70	67	53	36	26	18	10	182.6	346.0	54	53	
New York, N. Y.	T.	36	36	44	47	51	52	51	53	57	47	38	28	21	10	155.5	343.9	45	38	
Norfolk, Va.	T.	0	15	20	35	46	57	60	61	57	48	32	10	9	10	187.4	347.9	39	44	
Northfield, Vt.	T.	0	19	23	32	39	43	53	59	57	57	49	40	37	10	145.7	340.5	49	39	
Oklahoma, Okla.	T.	33	33	41	52	60	62	63	63	70	75	63	56	45	10	145.6	350.1	56	46	
Omaha, Nebr.	T.	0	47	55	64	69	73	80	78	73	72	72	65	50	10	231.1	343.9	67	56	
Parkersburg, W. Va.	T.	0	6	16	51	59	71	82	79	78	69	48	36	20	10	186.6	346.0	54	53	
Philadelphia, Pa.	T.	0	41	42	48	45	52	59	61	61	56	46	35	23	10	168.0	344.9	49	41	
Phoenix, Ariz.	T.	67	77	81	87	83	83	84	79	74	77	77	72	57	10	224.5	351.5	81	73	
Pittsburg, Pa.	T.	100	49	45	54	61	65	64	68	65	60	51	45	47	10	195.4	343.9	57	58	
Pocatello, Idaho	T.	0	44	43	47	49	56	56	70	71	69	60	50	54	10	190.6	341.8	56	41	
Portland, Me.	T.	0	22	36	56	63	66	72	74	73	69	51	42	24	10	192.8	340.5	57	40	
Portland, Oreg.	T.	0	12	12	20	20	35	47	46	40	35	33	23	27	10	198.8	348.5	29	31	
Pueblo, Colo.	T.	100	56	62	80	90	98	96	92	90	82	64	57	57	10	282.2	347.3	81	63	
Raleigh, N. C.	T.	0	39	45	56	66	70	78	78	72	70	59	35	21	10	208.0	348.9	60	55	
Rochester, N. Y.	T.	0	32	38	47	63	69	70	68	71	69	60	31	32	10	191.3	341.8	56	51	
St. Louis, Mo.	T.	0	43	44	59	69	77	80	78	75	74	66	62	69	10	230.1	346.0	67	62	
St. Paul, Minn.	T.	100	39	40	56	58	56	57	54	51	56	56	54	54	10	179.8	339.8	53	47	
Salt Lake City, Utah	T.	36	41	40	46	61	65	65	69	67	68	68	67	78	10	203.8	343.9	61	56	
San Diego, Cal.	T.	67	42	45	48	50	52	53	59	61	56									

TABLE IX.—Accumulated amounts of precipitation for each 5 minutes, for storms in which the rate of fall equaled or exceeded 0.25 in any 5 minutes, or 0.75 in 1 hour during October, 1900, at all stations furnished with self-registering gages.

Stations.	Date.	Total duration.		Total amt. of precip- itation.	Excessive rate.		Amount be- fore exces- sive began.	Depths of precipitation (in inches) during periods of time indicated.													
		From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
		1	2	3	4	5	6	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Albany, N. Y.	27			0.62															0.30		
Alpena, Mich.	5			0.38															0.22		
Atlanta, Ga.	23			0.38																	
Atlantic City, N. J.	13			0.45															0.36		
Baltimore, Md.	8			0.40																	
Binghamton, N. Y.	8			0.44															0.20		
Bismarck, N. Dak.	29-30			1.30															*		
Boise, Idaho	19			0.75														0.16			
Boston, Mass.	8-10			1.99														0.17			
Buffalo, N. Y.	30			0.92														0.34			
Cairo, Ill.	21-22			0.80														0.23			
Cedar City, Utah	12			0.18														*			
Charleston, S. C.	8	7.37 p. m.	8.38 p. m.	0.68	8.05 p. m.	8.25 p. m.	0.05	0.09	0.29	0.52	0.61	0.63	0.43	0.52	0.59	0.67	0.72	0.84			
Do	11-12	7.43 p. m.	11.15 a. m.	1.61	7.05 a. m.	8.07 a. m.	0.83	0.05	0.09	0.14	0.23	0.34	0.43	0.52	0.59	0.67	0.72	0.84			
Chicago, Ill.	29			0.52														0.31			
Cincinnati, Ohio	6-7			1.24														0.31			
Cleveland, Ohio	7			0.67														0.52			
Columbia, Mo.	6-7	8.24 p. m.	D. N.	2.03	8.47 p. m.	9.28 p. m.	0.01	0.18	0.32	0.53	0.82	0.93	1.04	1.11	1.28	1.31	1.32	1.36	1.60	1.75	
Do	28	1.04 p. m.	5.10 p. m.	2.24	1.04 p. m.	1.35 p. m.	0.00	0.12	0.21	0.34	0.60	0.90	1.04	1.07	1.10	1.11	1.11	1.27	1.66	1.77	1.92
Columbus, Ohio	22-23	6.00 p. m.	D. N.	2.06	1.47 p. m.	2.40 p. m.	0.42	0.18	0.31	0.41	0.44	0.46	0.53	0.67	0.85	0.97	1.04	1.10	1.30	1.56	
Denver, Colo.	29			0.12																	
Des Moines, Iowa	30-31			1.56														0.29			
Detroit, Mich.	29-30			1.47														0.30			
Dodge, Kans.	20-21			0.58														0.46			
Duluth, Minn.	28			0.66														0.72			
Eastport, Me.	10-12			6.57														0.34			
Elkins, W. Va.	13			1.01														0.43			
Erie, Pa.	7-8			0.77														0.51			
Escanaba, Mich.	3			0.57																	
Evansville, Ind.	7	1.30 a. m.	6.55 a. m.	2.00	2.05 a. m.	2.40 a. m.	0.06	0.07	0.10	0.16	0.27	0.39	0.53	0.67	0.70						
Fort Worth, Tex.	21	2.05 a. m.	7.20 a. m.	1.52	2.08 a. m.	2.40 a. m.	T.	0.14	0.31	0.48	0.66	0.97	1.09	1.13				*			
Fresno, Cal.	3-4			0.20														*			
Galveston, Tex.	21	12.05 p. m.	5.10 p. m.	1.00	1.00 p. m.	1.15 p. m.	0.20	0.10	0.30	0.80											
Grand Junction, Colo.	20			0.06																	
Harrisburg, Pa.	13-14			0.85														0.46			
Hatteras, N. C.	8-9	8.45 p. m.	3.30 a. m.	1.20	8.50 p. m.	10.10 p. m.	T	0.06	0.23	0.33	0.43	0.51	0.57	0.58	0.64	0.68	0.69	0.71	1.02		
Huron, S. Dak.	6			0.56														0.31			
Indianapolis, Ind.	6-7	8.50 p. m.	10.20 a. m.	1.65	4.35 a. m.	5.05 a. m.	0.10	0.07	0.23	0.56	0.67	0.73	0.79	0.81							
Jacksonville, Fla.	8	10.25 p. m.	11.35 p. m.	1.10	11.15 p. m.	11.50 p. m.	T	0.11	0.29	0.70	0.92	1.01	1.05	1.09							
Jupiter, Fla.	16-17	5.08 p. m.	3.00 a. m.	3.14	1.02 a. m.	2.05 a. m.	0.86	0.40	0.78	1.16	1.44	1.49	1.54	1.58	1.68	1.88	2.00	2.13	2.23		
Kalispell, Mont.	3			0.10														0.10			
Kansas City, Mo.	28	2.45 p. m.	D. N.	1.64	7.15 p. m.	8.25 p. m.	0.45	0.11	0.24	0.39	0.43	0.50	0.71	0.83	0.87	0.99	0.99	1.17			
Key West, Fla.	5	3.50 a. m.	7.40 a. m.	1.04	3.50 a. m.	4.20 a. m.	0.00	0.12	0.45	0.67	0.82	0.97	1.01								
Do	14	3.10 p. m.	4.25 p. m.	1.38	3.15 p. m.	3.55 p. m.	0.01	0.05	0.20	0.31	0.37	0.50	0.75	1.15	1.35						
Knoxville, Tenn.	7			0.98														0.37			
Lexington, Ky.	7-8			0.56														0.25			
Lincoln, Nebr.	1			0.75														0.74			
Little Rock, Ark.	21			0.96														0.45			
Los Angeles, Cal.	13			0.25														0.21			
Louisville, Ky.	6-7			1.53														0.42			
Macon, Ga.	5			0.18																	
Memphis, Tenn.	21-22			1.44														0.64			
Meridian, Miss.	31	5.40 p. m.	11.45 p. m.	1.53	8.03 p. m.	8.30 p. m.	0.49	0.21	0.47	0.59	0.69	0.72	0.78	0.80	0.81	0.83	0.87	0.91			
Milwaukee, Wis.	3			0.56														0.55			
Montgomery, Ala.	21			0.98														0.61			
Nantucket, Mass.	13-14			1.48														0.50			
Nashville, Tenn.	22	8.34 a. m.	10.15 a. m.	0.79	9.48 a. m.	10.15 a. m.	0.03	0.07	0.31	0.48	0.65	0.74	0.76					0.21			
New Haven, Conn.	8-9			1.07																	
New Orleans, La.	7	4.00 p. m.	8.30 p. m.	1.25	4.05 p. m.	4.55 p. m.	T.	0.10	0.20	0.29	0.40	0.42	0.55	0.66	0.75	1.01	1.10	1.15			
New York, N. Y.	8	2.45 p. m.	9.28 p. m.	1.24	4.13 p. m.	5.20 p. m.	0.02	0.06	0.21	0.26	0.31	0.41	0.48	0.56	0.69	0.72	0.73	0.77	0.93		
Do	13-14	9.29 p. m.	11.10 a. m.	2.10	3.00 p. m.	4.30 p. m.	0.71	0.06	0.12	0.18	0.24	0.34	0.39	0.43	0.47	0.58	0.63	0.73	0.88	1.12	1.27
Norfolk, Va.	8-9			0.79														0.64			
Northfield, Vt.	10-11			0.95														0.20			
Oklahoma, Okla.	20-21			0.54														0.38			
Omaha, Nebr.	30	2.55 p. m.	7.30 p. m.	0.80	6.05 p. m.	6.50 p. m.	0.12	0.03	0.13	0.18	0.25	0.33	0.41	0.52	0.63	0.67		0.32			
Parkersburg, W. Va.	6			0.32														0.42			
Philadelphia, Pa.	13-14			1.37														0.34			
Pittsburg, Pa.	23			1.08														0.34			
Pocatello, Idaho	19			0.52														0.27			
Portland, Me.	8-9	6.42 p. m.	1.20 p. m.	1.66	6.45 p. m.	7.35 p. m.	T.	0.04	0.08	0.15	0.17	0.23	0.30	0.37	0.68	0.84	0.89	0.95			
Portland, Oreg.	30-31			0.82														0.15			
Pueblo, Colo.	15			0.12																	
Kaleigh, N. C.	8			0.34														0.34			
Richmond, Va.	8			0.72														0.52			
Rochester, N. Y.	7-8			1.30														0.30			
St. Louis, Mo.	29	12.01 p. m.	12.58 p. m.	0.68	12.01 p. m.	12.50 p. m.	0.00	0.05	0.18	0.28	0.28	0.29	0.33	0.43	0.60	0.65	0.68				
St. Paul, Minn.	3-4	9.30 p. m.	8.20 a. m.	2.17</td																	

TABLE IX.—Accumulated amounts of precipitation for each 5 minutes, etc.—Continued.

Stations.	Date.	Total duration.			Total amt. of precipi- tation	Excessive rate.	Amount be- fore excess- ive began	Depths of precipitation (in inches) during periods of time as indicated.													
		From—	To—	Began—				5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Havana, Cuba . . . . .	1	2	3	4	5	6	7														
	14				0.44																
Kingston, Jamaica . . . . .	4				0.44																
Port of Spain, Trin. . . . .	8				0.48																
Puerto Principe, Cuba . . . . .	10	4.08 p.m.	7.15 p.m.	3.98	4.10 p.m.	5.00 p.m.	T.	0.04	0.07	0.13	0.33	0.62	0.92	1.08	1.17	1.24	1.27				
Roseau, Dominica . . . . .	13				0.58																
San Juan, Porto Rico . . . . .	4	2.03 p.m.	4.08 p.m.	1.03	2.05 p.m.	2.45 p.m.	T.	0.07	0.18	0.41	0.68	0.77	0.87	0.91	0.97	0.98	0.99	1.01			
Do . . . . .	23	8.08 a.m.	11.55 a.m.	1.45	11.20 a.m.	11.40 a.m.	0.31	0.18	0.38	0.74	1.04	1.08	1.12	1.14							
Santiago de Cuba . . . . .	21	4.32 p.m.	6.05 p.m.	1.17	2.20 a.m.	2.37 a.m.	0.24	0.21	0.62	0.98	1.06										
Santo Domingo, S. D. . . . .	13	11.45 a.m.	9.20 p.m.	1.84	4.33 p.m.	5.20 p.m.	T.	0.17	0.42	0.60	0.62	0.66	0.72	0.82	0.97	1.02	1.09	1.14			
Do . . . . .	26	3.45 a.m.	4.30 p.m.	7.15	4.50 p.m.	5.21 p.m.	0.75	0.13	0.29	0.47	0.62	0.83	0.88	0.92							
Willemstad, Curaçao . . . . .	16			0.61	4.50 a.m.	5.40 a.m.	0.31	0.10	0.21	0.21	0.27	0.37	0.65	0.90	1.11	1.30	1.34				
					5.40 a.m.	6.30 a.m.	1.53	1.71	1.87	2.15	2.27	2.76	3.14	3.24	3.34	3.38					
					6.30 a.m.	7.20 a.m.	3.44	3.53	3.74	3.97	4.10	4.12	4.15	4.26	4.49	4.66					
					7.20 a.m.	8.15 a.m.	4.76	4.88	5.04	5.14	5.23	5.39	5.66	5.82	5.96	6.03	6.13				
																	0.61				

\*Self register not working.

TABLE X.—Data furnished by the Canadian Meteorological Service, October, 1900.

TABLE XI.—Heights of rivers referred to zeros of gages, October, 1900.

Stations.	Distance to mouth of river.	Danger line on gage.	Highest water.		Lowest water.		Mean stage.	Monthly range.	Stations.	Distance to mouth of river.	Danger line on gage.	Highest water.		Lowest water.		Mean stage.	Monthly range.
			Height.	Date.	Height.	Date.						Height.	Date.	Height.	Date.		
<i>Mississippi River.</i>	Miles.	Feet.	Feet.		Feet.		Feet.		<i>Tennessee River—Cont'd.</i>	Miles.	Feet.	Feet.		Feet.		Feet.	
St. Paul, Minn.	1,954	14	6.6		4.3	27, 31	5.4	2.3	Riverton, Ala.	190	25	5.4		6	1.2	6.1	
Reeds Landing, Minn.	1,884	12	8.5	8, 9	3.8	27	5.8	4.7	Johnsonville, Tenn.	94	21	6.1	15	6, 7	2.9	4.8	
La Crosse, Wis.	1,819	12	11.1		5.7		27	8.3	<i>Cumberland River.</i>	7.6							
Prairie du Chien, Wis.	1,759	18	14.6		7.0		29	10.2	Burnside, Ky.	434	50	0.0	1-4, 28-31	— 0.2	10-27	-0.1	0.2
Dubuque, Iowa.	1,699	15	14.6		7.2	30, 31	10.1	7.4	Carthage, Tenn.	257	40	1.7	15	0.6	25, 26	1.1	1.1
LeClaire, Iowa.	1,609	10	9.0		5.0		31	6.5	Nashville, Tenn.	175	40	3.1	13	1.3	28-31	1.8	1.8
Davenport, Iowa.	1,583	15	11.0	20, 21	6.0		31	7.9	<i>Arkansas River.</i>	726	10	2.7	2, 3	1.6	20	2.0	1.1
Muscatine, Iowa.	1,562	16	12.5	21, 22	7.4		3, 4	9.8	Wichita, Kans.	413	23	13.3	3	2.4	20, 21, 25, 28	5.4	10.9
Gallaud, Iowa.	1,472	8	5.9	24, 25	3.5		5	4.5	Webbers Falls, Ind. T.	351	22	13.8	8	2.6	22	6.2	11.2
Keokuk, Iowa.	1,463	15	10.0		6.2		5.6	7.6	Fort Smith, Ark.	256	21	13.8	5	2.4	20	6.0	11.4
Hannibal, Mo.	1,402	13	10.9		7.3		6	8.3	Dardanelle, Ark.	176	23	13.6	6	3.0	1	6.7	10.6
Grafton, Ill.	1,306	23	11.7		2.7		1	9.7	<i>White River.</i>	726	10	2.7	2, 3	1.6	20	2.0	1.1
St. Louis, Mo.	1,264	30	13.4		5	10.1	17, 18	11.8	Newport, Ark.	150	26	3.1	2, 25, 26	1.1	21	2.1	2.0
Chester, Ill.	1,189	36	9.6	5, 6, 10	7.0		1	8.4	<i>Yazoo River.</i>	80	25	9.1	31	— 0.7	11, 12	1.8	9.8
Memphis, Tenn.	843	33	6.2		3.0		1.2	4.9	<i>Red River.</i>	698	27	18.0	2	6.5	20	8.8	11.5
Helena, Ark.	767	42	10.6	15, 16	6.3		1	8.7	Arthur City, Tex.	565	28	17.8	4	5.5	24, 25	9.3	13.3
Arkansas City, Ark.	635	42	13.0	11-13	6.7		1	10.2	Fulton, Ark.	449	29	10.6	6	2.4	29	5.4	8.2
Greenville, Miss.	595	42	10.4	12, 13	5.4		1	8.2	Shreveport, La.	189	33	7.3	9	0.5	31	3.3	6.8
Vicksburg, Miss.	474	45	9.6		2.9		1	6.9	<i>Ouachita River.</i>	340	39	9.6	25	4.3	21-23	5.8	5.3
New Orleans, La.	108	16	4.6	13	4.0	10, 17-20		4.2	Monroe, La.	100	40	7.2	1	1.6	11-13	2.9	5.6
<i>Missouri River.</i>						(22, 25, 26)			<i>Achafalaya River.</i>	100	31	12.1	15, 16	6.8	1	10.1	5.3
Bismarck, N. Dak.	1,309	14	1.4	27-31	1.0	2-7, 13, 14	1.2	0.4	<i>Susquehanna River.</i>	178	14	0.0	25-31	— 2.4	12	-0.7	2.4
Pierre, S. Dak.	1,114	14	2.9		1	1.7	21-23	2.0	Wilkesbarre, Pa.	70	17	1.2	28, 29	0.0	{ 1-3, } 5-7, 9-12	0.5	1.2
Sioux City, Iowa.	784	19	5.9	5-7	4.5	18	5.2	1.4	Harrisburg, Pa.	70	17	1.2	28, 29	0.0	{ 1-3, } 5-7, 9-12	0.5	1.2
Omaha, Nebr.	669	18	6.4	1, 8, 31	5.3	18-20	5.9	1.1	<i>W. Br. of Susquehanna.</i>	35	20	1.8	26	0.1	1-3	0.8	1.7
St. Joseph, Mo.	481	10	2.9		0.5	21	1.5	2.4	Williamsport, Pa.	257	18	7.3	24	— 0.3	17-22	0.7	7.6
Kansas City, Mo.	388	21	10.2		3	6.1	21	7.6	<i>Juniata River.</i>	110	12	1.4	4, 10, 27	— 1.2	18-20	0.1	2.6
Boonville, Mo.	199	20	9.8		7	5.3	25	7.0	<i>Potomac River.</i>	80	24	2.9	1-31	2.9	1-31	2.9	0.0
Hermann, Mo.	103	24	10.3		3	4.8	26-28	6.9	<i>Harpers Ferry, W. Va.</i>	170	16	1.0	26	0.0	1-3, 13, 14	0.2	1.0
<i>Illinois River.</i>									<i>James River.</i>	257	18	7.3	24	— 0.3	17-22	0.7	7.6
Peoria, Ill.	135	14	7.0		11	6.2	21	6.6	Lynchburg, Va.	110	12	1.4	4, 10, 27	— 1.2	18-20	0.1	2.6
<i>Youghiogheny River.</i>									<i>Richmond, Va.</i>	90	40	17.0	26	7.4	3	8.4	9.3
Confluence, Pa.	59	10	0.9		0.0	4-7, 23	0.3	0.9	<i>Roanoke River.</i>	75	6	2.9	19, 23, 24	1.4	4, 5	2.2	1.5
West Newton, Pa.	15	23	0.7		0.0	{ 4, 6, 7, 13 }	0.2	0.7	<i>Cape Fear River.</i>	60	12	0.5	28-31	— 0.4	1-6	0.0	0.9
<i>Allegheny River.</i>									<i>Fayetteville, N. C.</i>	85	38	2.9	17	0.6	4, 29	1.1	2.3
Warren, Pa.	177	14	0.6	11, 28, 29	— 0.4	4-9	0.1	1.0	<i>Edisto River.</i>	75	6	2.9	19, 23, 24	1.4	4, 5	2.2	1.5
Oil City, Pa.	123	13	0.8		— 0.1	1-8	0.2	0.9	<i>Feder River.</i>	60	12	0.5	28-31	— 0.4	1-6	0.0	0.9
Parker, Pa.	73	20	0.9	26-28	— 0.2	1	0.4	1.1	<i>Black River.</i>	85	12	3.7	31	1.6	2, 3	2.7	2.1
<i>Monongahela River.</i>									<i>Kingtree, S. C.</i>	45	24	24.0	26	1.4	2	4.8	22.6
Weston, W. Va.	161	18	0.9		— 1.8	1.2	— 0.9	2.7	<i>Lynch Creek.</i>	40	7	2.8	13	0.6	25	1.9	2.2
Fairmont, W. Va.	119	25	1.2	25-27	— 0.7	1-14	— 0.2	1.9	<i>Effingham, S. C.</i>	37	15	1.8	26	— 0.3	3, 21	0.1	2.1
Greensboro, Pa.	81	18	7.3		16	5.7	10-13	6.3	<i>Santee River.</i>	50	12	6.7	30, 31	— 0.5	2, 3	1.5	7.2
Look No. 4, Pa.	40	28	8.6	26, 27	3.5	5	5.3	5.1	<i>Congaree River.</i>	37	15	1.8	26	— 0.3	3, 21	0.1	2.1
<i>Conemaugh River.</i>									<i>Wateree River.</i>	45	24	24.0	26	1.4	2	4.8	22.6
Johnstown, Pa.	64	7	1.2	9, 24, 25	0.3	2-5	0.8	0.9	<i>Camden, S. C.</i>	40	7	2.8	13	0.6	25	1.9	2.2
<i>Red Bank Creek.</i>									<i>Waccamaw River.</i>	37	15	1.8	26	— 0.3	3, 21	0.1	2.1
Brookville, Pa.	35	8	1.4		0.1	4-7	0.6	1.3	<i>Conway, S. C.</i>	45	24	24.0	26	1.4	2	4.8	22.6
<i>Beaver River.</i>									<i>Savannah River.</i>	50	12	6.7	30, 31	— 0.5	2, 3	1.5	7.2
Ellwood Junction, Pa.	10	14	0.5	1	0.1	6, 17	0.2	0.4	<i>Calhoun Falls, S. C.</i>	347	50	2.0	24	2.0	2, 3	2.8	3.0
<i>Great Kanawha River.</i>									<i>Augusta, Ga.</i>	268	32	17.8	25	5.7	21	7.5	12.1
Charleston, W. Va.	61	30	17.8		5.0		28	6.8	<i>Broad River.</i>	30	5.0	2.7	24	2.5	2, 3	3.3	2.5
<i>Little Kanawha River.</i>									<i>Carlton, Ga.</i>	30	5.0	2.7	24	2.1	1-3, 22	2.7	2.9
Glenville, W. Va.	100	24	0.0		— 1.7	4-7, 22	— 1.3	1.7	<i>Flint River.</i>	80	20	4.5	15, 24	0.9	1	3.3	3.6
<i>New River.</i>									<i>Albany, Ga.</i>	239	20	5.0	24	2.5	2, 3	3.3	2.5
Hinton, W. Va.	95	14	12.0		2.4	1-1	2, 22	1.9	<i>Chattooga River.</i>	125	20	8.8	24	1.7	3	2.9	6.6
<i>Cheat River.</i>									<i>Westpoint, Ga.</i>	60	30	5.6	26	— 0.3	2, 3	1.1	5.9
Rowlesburg, W. Va.	36	14	8.0	3	1.0		1	1.7	<i>Ocmulgee River.</i>	144	18	10.5	26	0.0	8-8	2.3	10.5
<i>Ohio River.</i>									<i>Coosa River.</i>	129	43	22.5	18	0.2	4	6.3	22.3
Pittsburg, Pa.	966	22	6.5	14	5.0	28	6.0	1.5	<i>Alabama River.</i>	265	35	10.6	28	1.4	3, 4	4.8	9.2
Davis Island Dam, Pa.	960	25	3.6		1.2	1	2.0	2.4	<i>Montgomery, Ala.</i>	303	33	5.6	28	— 3.5	6, 7	0.6	9.1
Wheeling, W. Va.	875	36	3.2		0.3	2, 3	1.2	2.9	<i>Demopolis, Ala.</i>	155	35	17.7	16	— 0.9	6, 7	6.0	18.6
Parkersburg, W. Va.	785	36	4.0		0.8	6	1.7	3.2	<i>Brazos River.</i>	369	21	8.4	1	— 0.2	20	2.5	8.6
Point Pleasant, W. Va.	703	39	10.0		1.0	4-8	2.0	2.0	<i>Kopperl, Tex.</i>	301	22	13.0	1	1.8	19, 20	4.2	10.2
Huntington, W. Va.	660	50	13.4		2.0	7.8	3.9	11.4	<i>Columbia River.</i>	270	25	5.4	29-31	3.0	18	4.2	2.4
Catlettsburg, Ky.	651	50	11.7		1.3	18, 19	2.7	10.4	The Dalles, Oreg.	166	40	7.6	31	4.2	19, 20	5.6	3.4
Portsmouth, Ohio.	612	50	12.2		2.0	5, 8, 18, 19	3.3	10.2	<i>Willamette River.</i>	99	20	4.6	31	0.7	1	1.9	3.9
Cincinnati, Ohio.	499	50	11.4		3.1	21	4.2	8.3	<i>Willamette River.</i>	10	15	6.3	31	21	17	3.4	4.2
Madison, Ind.	413	46	9.6		3.0	20-23	3.9	6.5	<i>Red Bluff, Cal.</i>	241	23	8.0	5	— 0.5	1	1.5	8.5
Louisville, Ky.	367	28	5.6	31	2.0	19-24	2.5	3.6	<i>Sacramento River.</i>	70	29	13.5	22	1	4-4	9.5	5.9
Evansville, Ind.	184	35	3.6														